

Holley Central School
Smart School Investment Plan (SSIP)
Public Hearing-6:00 p.m.
District Office Board Room
November 20, 2017

PRESENTED BY: SHARON ZACHER

What is the Smart Schools Bond Act?

Proposal by Gov. Cuomo to fund technology and expand Pre-K throughout the State

Voted and passed November 4th

Holley School can apply for \$1,311,463

Purpose

Acquire instructional equipment for District, ie. Flat panel boards and devices

Infrastructure upgrades and expansion, ie. Wireless, servers, storage, point-point connections and community connectivity

Install enhanced security features in school buildings, video surveillance, door access controls

Requirements to Attain Funding

~~Submit Three-Year District Technology Plan to the State~~

~~Preliminary Smart Schools Investment Plan~~

~~Post Preliminary SSIP for 30 days for community comment~~

Public Hearing-November 20, 2017

Board approval for a Final Smart Schools Investment Plan-
November 20, 2017

Post the Final SSIP on the district website-after Board approval

SSIP submission to NYSED for approval-goal 12/31/17

Multi-Touch Interactive LED Flat Panel vs. IWB

Extend refresh cycles, lower total costs of ownership,
and future proof the classroom

SIGNIFICANT MAINTENANCE REDUCTION

- ~~Lamp~~
- ~~Filters~~
- ~~Cleaning~~
- ~~Downtime~~
- Uptime 50,000+ hrs
- Longer life span

FUTURE PROOF TECHNOLOGY

- ~~Single touch~~
- ~~2 point touch~~
- 10-point multi-touch
- ~~Limited inputs~~
- 3x HDMI
- 3x VGA
- 1x Display port
- AV
- Digital Audio
- ~~XGA~~
- True 16:9 HD

FUTURE TO TECHNOLOGY

- Substitute Ready
- Brighter Clearer Image
- Built in Whiteboard software

Classroom SmartBoard/Projector Replacements

10-point Multi-Touch Interactive LED Flat Panels

Qty	Description	17-18	18-19	19-20
33	Replace all-in-one SmartBoards & Benq	\$160,000		
31	Replace Casio/Casio LED		\$150,000	
30	Replace Casio/Casio LED			\$145,000

Student Tablets-(Pre K – 1st Grade)

Qty	Description	17-18	18-19	19-20	20-21
50	Tablets	\$20,000			
50	Tablets		\$20,000		
50	Tablets			\$20,000	
50	Tablets				\$20,000

Student Laptops-2nd Grade (touch-screen laptop)

Qty	Description	17-18	18-19	19-20	20-21
25	Laptop		\$18,000		
25	Laptop			\$19,000	
25	Laptop				\$20,000

Student Laptops

3rd-6th Grade & Alt School

Qty	Description	17-18	18-19	19-20	20-21
50	Laptop	\$27,500			
125	Laptop		\$70,000		
100	Laptop			\$55,000	
100	Laptop				\$58,000

Student Laptops

7th – 12th Grade

Qty	Description	17-18	18-19	19-20	20-21
100	Laptop	\$55,000			
150	Laptop		\$85,000		
150	Laptop			\$87,000	
150	Laptop				\$90,000

Tablet/Laptop Carts

Qty	Description	17-18	18-19	19-20	20-21
8	Carts	\$15,200			
14	Carts		\$27,000		
13	Carts			\$25,000	
13	Carts				\$26,000

Teacher Laptops

Qty	Description	17-18	18-19	19-20
20	Teacher Leaders	\$13,300		
35	Split Remaining		\$25,000	
35	Split Remaining			\$26,000

Server/Storage/Infrastructure Upgrades

Migrating Server, storage, backups to Monroe 1 environment-in process

Leverage BOCES dual sites for Disaster Recovery

Upgraded from 33 access points to 140 district wide (E-Rate \$) -90% complete

Increased coverage, density

Enhanced security

Improved Guest wireless access-in process

Security Camera & Software

Proposal would entail:

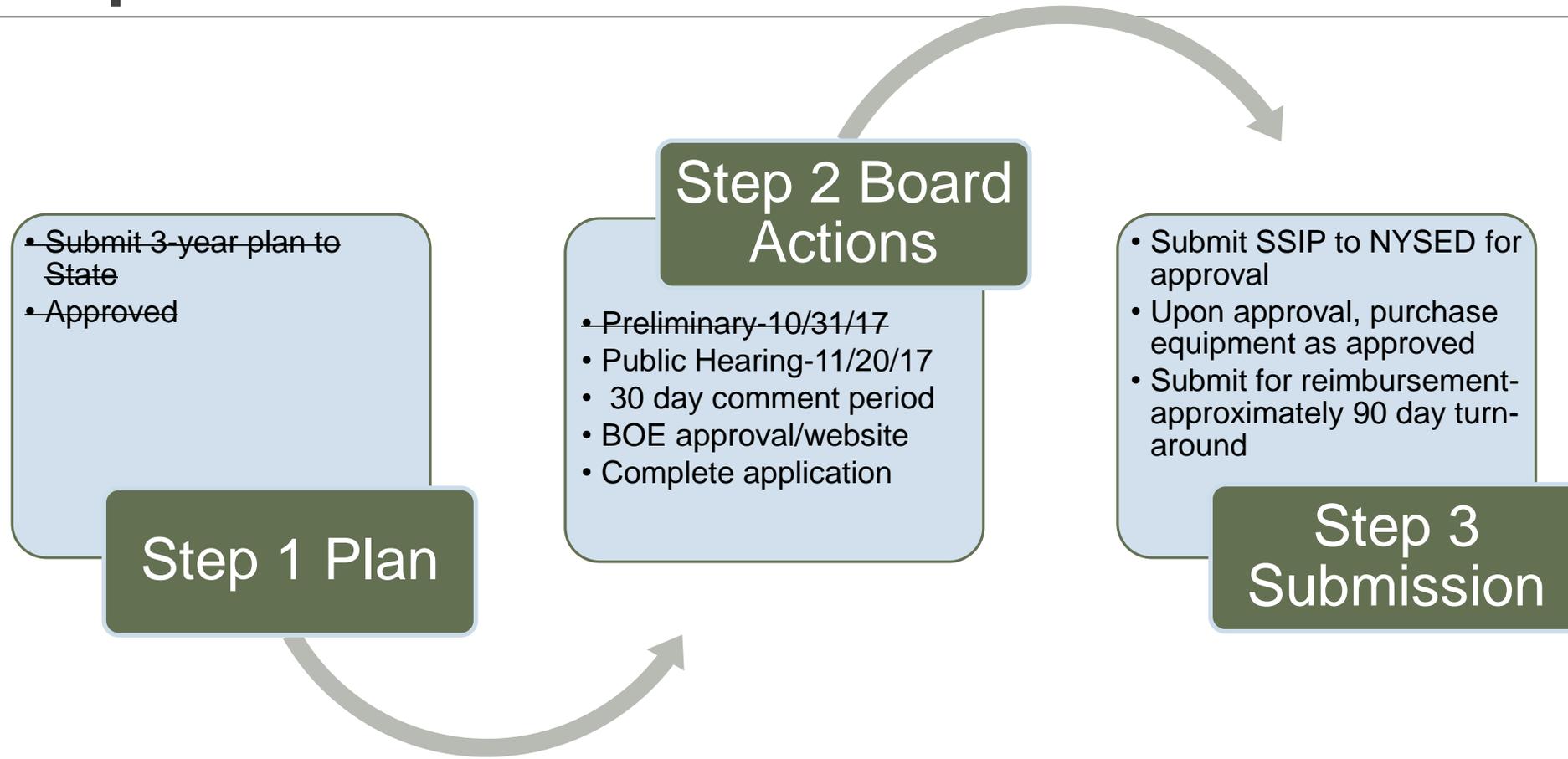
- Upgrade to Avigilon video management for both buildings
- Additional cameras, both inside and out
- May need approval from the architects/engineers on placement of cameras
- May need approval by NYSED Office of Facility Planning which would require architect drawings

- Estimated price = \$250,000

Investment Summary

Qty	Description	2017-18	2018-19	2019-20	2020-21	
94	Flat Panels	\$160,000	\$150,000	\$145,000		
200	Student Tablets (PreK-1 st)	\$20,000	\$21,000	\$22,000	\$23,000	
75	Student touch screen Laptops (2 nd)		\$18,000	\$19,000	\$20,000	
375	Student Laptops (3 rd -6 th & Alt School)	\$27,500	\$70,000	\$55,000	\$58,000	
550	Student Laptops (7 th -12 th)	\$55,000	\$85,000	\$87,000	\$90,000	
48	Tablet/Laptop Carts	\$16,000	\$27,000	\$25,000	\$26,000	
90	Teacher Laptops	\$13,300	\$25,000	\$26,000		
	Security & Cameras	\$250,000				
	Total	\$541,800	\$396,000	\$379,000	\$217,000	\$1,543,800

Requirements



Future Considerations

These purchases will get the District once again on a replacement cycle

All this additional equipment will require additional support services that will need to be budgeted in the General Fund

- Setup
- Maintenance

Additional staff training and/or development that aligns with the acquisition of each stage of purchase

Once rotation of devices start, replacement costs will be added to General Fund budget

Next Steps

~~Schedule another Technology meeting prior to October meeting-10/11/17~~

~~October 16th Board Meeting~~

- ~~◦ Preliminary SSIP presented~~
- ~~◦ Post on website for 30 days~~

November 20th Board Meeting-tonight

- Public hearing at the beginning of the meeting-6:00 p.m.
- BOE approves the Final SSIP-scheduled for tonight
- Post on website-following approval

Goal to approve Smart School Application by 12/31/17

QUESTIONS?
