

Smart Schools Investment Plan

SSIP Overview

Page Last Modified: 06/08/2016

1. Please enter the name of the person to contact regarding this submission.

David Henderson

- 1a. Please enter their phone number for follow up questions.

585-944-6306

- 1b. Please enter their e-mail address for follow up contact.

hendersond@victorschools.org

2. Please indicate below whether this is the first submission, a new or supplemental submission or an amended submission of a Smart Schools Investment Plan.

First submission

3. All New York State public school districts are required to complete and submit a District Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner’s Regulations. Districts that include investments in high-speed broadband or wireless connectivity and/or learning technology equipment or facilities as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.

By checking this box, you certify that the school district has an approved District Instructional Technology Plan survey on file with the New York State Education Department.

District Educational Technology Plan Submitted to SED and Approved

4. Pursuant to the requirements of the Smart Schools Bond Act, the planning process must include consultation with parents, teachers, students, community members, other stakeholders and any nonpublic schools located in the district.

By checking the boxes below, you are certifying that you have engaged with those required stakeholders. Each box must be checked prior to submitting your Smart Schools Investment Plan.

- Parents
- Teachers
- Students
- Community members

- 4a. If your district contains non-public schools, have you provided a timely opportunity for consultation with these stakeholders?

- Yes
- No
- N/A

5. Certify that the following required steps have taken place by checking the boxes below: Each box must be checked prior to submitting your Smart Schools Investment Plan.

- The district developed and the school board approved a preliminary Smart Schools Investment Plan.
- The preliminary plan was posted on the district website for at least 30 days. The district included an address to which any written comments on the plan should be sent.
- The school board conducted a hearing that enabled stakeholders to respond to the preliminary plan. This hearing may have occurred as part of a normal Board meeting, but adequate notice of the event must have been provided through local media and the district website for at least two weeks prior to the meeting.
- The district prepared a final plan for school board approval and such plan has been approved by the school board.
- The final proposed plan that has been submitted has been posted on the district’s website.

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- 5a. Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website. Note that this should be different than your recently submitted Educational Technology Survey. The Final SSIP, as approved by the School Board, should also be posted on the website and remain there during the course of the projects contained therein.

Smart Schools Investment Plan.pdf

6. Please enter an estimate of the total number of students and staff that will benefit from this Smart Schools Investment Plan based on the cumulative projects submitted to date.

5,000

7. An LEA/School District may partner with one or more other LEA/School Districts to form a consortium to pool Smart Schools Bond Act funds for a project that meets all other Smart School Bond Act requirements. Each school district participating in the consortium will need to file an approved Smart Schools Investment Plan for the project and submit a signed Memorandum of Understanding that sets forth the details of the consortium including the roles of each respective district.

The district plans to participate in a consortium to partner with other school district(s) to implement a Smart Schools project.

8. Please enter the name and 6-digit SED Code for each LEA/School District participating in the Consortium.

Partner LEA/District	SED BEDS Code
(No Response)	(No Response)

9. Please upload a signed Memorandum of Understanding with all of the participating Consortium partners.

(No Response)

10. Your district's Smart Schools Bond Act Allocation is:

\$1,613,312

11. Enter the budget sub-allocations by category that you are submitting for approval at this time. If you are not budgeting SSBA funds for a category, please enter 0 (zero.) If the value entered is \$0, you will not be required to complete that survey question.

	Sub-Allocations
School Connectivity	783,687
Connectivity Projects for Communities	0
Classroom Technology	205,000
Pre-Kindergarten Classrooms	0
Replace Transportable Classrooms	0
High-Tech Security Features	427,778
Totals:	1,416,465.00

Smart Schools Investment Plan

School Connectivity

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1. In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that:
 - sufficient infrastructure that meets the Federal Communications Commission’s 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or
 - is a planned use of a portion of Smart Schools Bond Act funds, or
 - is under development through another funding source.

Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:

1. Specifically codified in a service contract with a provider, and
2. Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.

Please describe how your district already meets or is planning to meet this standard within 12 months of plan submission.

Victor Schools has 4,450 students which translates to a 445 Mbps internet connection. Our internet connection is currently 500 Mbps so we already meet this standard.

- 1a. If a district believes that it will be impossible to meet this standard within 12 months, it may apply for a waiver of this requirement, as described on the Smart Schools website. The waiver must be filed and approved by SED prior to submitting this survey.

By checking this box, you are certifying that the school district has an approved waiver of this requirement on file with the New York State Education Department.

2. **Connectivity Speed Calculator (Required)**

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	4,450	445,000	445	500	(No Response)	(No Response)

3. **Briefly describe how you intend to use Smart Schools Bond Act funds for high-speed broadband and/or wireless connectivity projects in school buildings.**

Victor School's current wireless network was upgraded in 2009. We plan on upgrading our wireless network for three reasons:

1. Density - our current wireless network was designed for coverage which means someone can stand anyplace inside of one of our buildings and get a quality wireless signal. Our new network will be designed for coverage and density. We have seen an explosion of wireless devices on campus and our current wireless network cannot keep up. In 2009 we had about 800 wireless devices using our network, we now have just over 4,000.
2. Coverage - we do have a handful of dead spots inside our buildings that we plan on fixing with our new wireless network.
3. Wireless standards change over time. The newest wireless standard is 802.11ac which provides a fourfold increase in speed over our current wireless network.

The money being spent on the wireless network includes pulling 600 new wired drops and the installation of 400 wireless access points

Smart Schools Investment Plan

School Connectivity

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4. Briefly describe the linkage between the district's District Instructional Technology Plan and the proposed projects. (There should be a link between your response to this question and your response to Question 1 in Part E. Curriculum and Instruction "What are the district's plans to use digital connectivity and technology to improve teaching and learning?")

The majority of access for staff and students to our network and the internet is through a wireless device. Having a robust reliable wireless network is important to meet the district's instructional goals. The district's technology plan intersects with a new wireless network in two areas:

1. Inspiring Innovative Learning - innovative teaching and learning is only possible with sound infrastructure.
2. Collaborative Communities and Connected Classrooms - Victor Schools uses Google Apps for Education as a means to foster collaboration among students, staff, parents, and the community. A state of the art wireless network is necessary to take full advantage of this online resource.

5. If the district wishes to have students and staff access the Internet from wireless devices within the school building, or in close proximity to it, it must first ensure that it has a robust Wi-Fi network in place that has sufficient bandwidth to meet user demand.

Please describe how you have quantified this demand and how you plan to meet this demand.

We currently have just over 4,000 wireless devices on our wifi network every day. We have designed our new wireless network with 2 goals in mind:

1. Victor anticipates going 1:1 at some point in the future. This is the highest density requirement for any wifi network in a K-12 setting. We plan on pulling a network drop to every classroom and multiple drops to larger spaces such as cafeterias, gymnasiums, and auditoriums. This will ensure that we can not only meet the current demands being placed on our wifi network but also rollout 1:1 at some point in the future.
2. The state of New York is moving towards online student testing to replace paper and pencil tests. Victor's new wifi network is being designed to handle the load of large numbers of wireless devices being used for student testing.

6. As indicated on Page 5 of the guidance, the Office of Facilities Planning will have to conduct a preliminary review of all capital projects, including connectivity projects.

Project Number
43-17-01-06-7-999-002

7. Certain high-tech security and connectivity infrastructure projects may be eligible for an expedited review process as determined by the Office of Facilities Planning.

Was your project deemed eligible for streamlined review?

No

8. Include the name and license number of the architect or engineer of record.

Name	License Number
W. Bruce Knapp	72078

9. If you are submitting an allocation for School Connectivity complete this table. Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

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School Connectivity

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	Sub- Allocation
Network/Access Costs	465,687
Outside Plant Costs	0
School Internal Connections and Components	318,000
Professional Services	0
Testing	0
Other Upfront Costs	0
Other Costs	0
Totals:	783,687.00

10. To the extent possible, please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Connections/Components	Category 6a wiring drops	600	513	308,000
Network/Access Costs	Juniper switches	11	7,500	82,500
Network/Access Costs	400 Wireless Access Points, two wireless controllers, installation	400	958	383,187
Connections/Components	Installation & setup of servers	2	5,000	10,000

Smart Schools Investment Plan

Community Connectivity (Broadband and Wireless)

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- Briefly describe how you intend to use Smart Schools Bond Act funds for high-speed broadband and/or wireless connectivity projects in the community.**

(No Response)

- Please describe how the proposed project(s) will promote student achievement and increase student and/or staff access to the Internet in a manner that enhances student learning and/or instruction outside of the school day and/or school building.**

(No Response)

- Community connectivity projects must comply with all the necessary local building codes and regulations (building and related permits are not required prior to plan submission).**

I certify that we will comply with all the necessary local building codes and regulations.

- Please describe the physical location of the proposed investment.**

(No Response)

- Please provide the initial list of partners participating in the Community Connectivity Broadband Project, along with their Federal Tax Identification (Employer Identification) number.**

Project Partners	Federal ID #
(No Response)	(No Response)

- If you are submitting an allocation for Community Connectivity, complete this table.**

Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Network/Access Costs	(No Response)
Outside Plant Costs	(No Response)
Tower Costs	(No Response)
Customer Premises Equipment	(No Response)
Professional Services	(No Response)
Testing	(No Response)
Other Upfront Costs	(No Response)
Other Costs	(No Response)
Totals:	

- To the extent possible, please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.**

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

Smart Schools Investment Plan

Classroom Learning Technology

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- In order for students and faculty to receive the maximum benefit from the technology made available under the Smart Schools Bond Act, their school buildings must possess sufficient connectivity infrastructure to ensure that devices can be used during the school day. Smart Schools Investment Plans must demonstrate that sufficient infrastructure that meets the Federal Communications Commission’s 100 Mbps per 1,000 students standard currently exists in the buildings where new devices will be deployed, or is a planned use of a portion of Smart Schools Bond Act funds, or is under development through another funding source.**

Smart Schools Bond Act funds used for technology infrastructure or classroom technology investments must increase the number of school buildings that meet or exceed the minimum speed standard of 100 Mbps per 1,000 students and staff within 12 months. This standard may be met on either a contracted 24/7 firm service or a "burstable" capability. If the standard is met under the burstable criteria, it must be:

- Specifically codified in a service contract with a provider, and**
- Guaranteed to be available to all students and devices as needed, particularly during periods of high demand, such as computer-based testing (CBT) periods.**

Please describe how your district already meets or is planning to meet this standard within 12 months of plan submission.

Victor Schools has 4,450 students which translates to a 445 Mbps internet connection. Our internet connection is currently 500 Mbps so we already meet this standard.

- If a district believes that it will be impossible to meet this standard within 12 months, it may apply for a waiver of this requirement, as described on the Smart Schools website. The waiver must be filed and approved by SED prior to submitting this survey.**

By checking this box, you are certifying that the school district has an approved waiver of this requirement on file with the New York State Education Department.

2. Connectivity Speed Calculator (Required)

	Number of Students	Multiply by 100 Kbps	Divide by 1000 to Convert to Required Speed in Mb	Current Speed in Mb	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	4,450	445,000	445	500	(No Response)	(No Response)

- If the district wishes to have students and staff access the Internet from wireless devices within the school building, or in close proximity to it, it must first ensure that it has a robust Wi-Fi network in place that has sufficient bandwidth to meet user demand.**

Please describe how you have quantified this demand and how you plan to meet this demand.

We currently have just over 4,000 wireless devices on our wifi network every day. We have designed our new wireless network with 2 goals in mind:

- Victor anticipates going 1:1 at some point in the future. This is the highest density requirement for any wifi network in a K-12 setting. We plan on pulling a network drop to every classroom and multiple drops to larger spaces such as cafeterias, gymnasiums, and auditoriums. This will ensure that we can not only meet the current demands being placed on our wifi network but also rollout 1:1 at some point in the future.
- The state of New York is moving towards online student testing to replace paper and pencil tests. Victor's new wifi network is being designed to handle the load of large numbers of wireless devices being used for student testing.

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Classroom Learning Technology

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4. **All New York State public school districts are required to complete and submit an Instructional Technology Plan survey to the New York State Education Department in compliance with Section 753 of the Education Law and per Part 100.12 of the Commissioner's Regulations.**

Districts that include educational technology purchases as part of their Smart Schools Investment Plan must have a submitted and approved Instructional Technology Plan survey on file with the New York State Education Department.

By checking this box, you are certifying that the school district has an approved Instructional Technology Plan survey on file with the New York State Education Department.

5. **Describe the devices you intend to purchase and their compatibility with existing or planned platforms or systems. Specifically address the adequacy of each facility's electrical, HVAC and other infrastructure necessary to install and support the operation of the planned technology.**

We plan on purchasing two types of items:

1. New storage array - our current storage array is 9 years old. This is the location that houses all the staff and students files and folders. For example, all student work generated in Microsoft Office, Adobe Photoshop, Autodesk Inventor, etc. is saved to our storage array. Our current array has a small capacity so individual students are given small quotas limiting the amount of space they can consume. In this digital age, these quotas are making it very difficult for students to complete their work.

Victor Schools operates a modern data center with adequate electrical, HVAC, and rack space to operate a new storage array

2. Chromebooks which fit in nicely with the district's use of Google Apps for Education. All Chromebooks will be housed on charging carts that will be plugged in each evening.

6. **Describe how the proposed technology purchases will:**

- > enhance differentiated instruction;
- > expand student learning inside and outside the classroom;
- > benefit students with disabilities and English language learners; and
- > contribute to the reduction of other learning gaps that have been identified within the district.

The expectation is that districts will place a priority on addressing the needs of students who struggle to succeed in a rigorous curriculum. Responses in this section should specifically address this concern and align with the district's Instructional Technology Plan (in particular Question 2 of E. Curriculum and Instruction: "Does the district's instructional technology plan address the needs of students with disabilities to ensure equitable access to instruction, materials and assessments?" and Question 3 of the same section: "Does the district's instructional technology plan address the provision of assistive technology specifically for students with disabilities to ensure access to and participation in the general curriculum?")

Purchasing additional Chromebooks for classrooms will further enhance our blended learning model. This model helps students work at their own pace and access material at different entry points. Victor Schools uses Google Apps for Education which is a free set of communication and collaboration tools that includes email, calendar, and documents. These tools can be accessed on any device with a network connection, expanding student learning inside and outside the classroom. Built into Google Apps are tools that make it easy for students and teachers to collaborate on documents.

We already use a number of assistive technology tools to help students with disabilities and English Language Learners. These include:

- Read & Write for Google Chrome which reads any document or website to the student
- Google Voice typing which allows a student to speak and their words appear in a word processing document
- Google translate which will translate anything appearing on the screen into nearly any language

Having additional Chromebooks will expand the use of these tools.

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Classroom Learning Technology

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7. **Where appropriate, briefly describe how the proposed technology purchases will enhance ongoing communication with parents and other stakeholders and help the district facilitate technology-based regional partnerships, including distance learning and other efforts.**

Many Victor teachers take advantage of Google Classroom which makes sharing and collaborating with students easy. Google Classroom now has a feature for family/school communication covering everything that is happening in the classroom related to Google products. Parents can access assignments and grades directly through our student management system. Google Apps for Education makes it much easier for students to access their work at home on any device. This give parents an opportunity to see exactly what their child is working on and assist if needed. Several teachers have used Google Hangouts to invite scientists, authors, etc. into their classroom to interact live with their students.

8. **Describe the district's plan to provide professional development to ensure that administrators, teachers and staff can employ the technology purchased to enhance instruction successfully.**

Note: This response should be aligned and expanded upon in accordance with your district's response to Question 1 of F. Professional Development of your Instructional Technology Plan: "Please provide a summary of professional development offered to teachers and staff, for the time period covered by this plan, to support technology to enhance teaching and learning. Please include topics, audience and method of delivery within your summary."

The District will be providing professional development in a number of areas that will have an impact on instruction.

1. Becoming a Google Educator - We have a number of teachers who have earned the title of Google Educator. We will be offering this to more teachers this summer. This designation is designed for educators and classroom teachers who wish to demonstrate proficiency in using Google for Education tools. It also indicates that an educator is able to successfully implement Google Apps for Education into their teaching practice in order to enhance teaching and learning.
2. Google Apps for Education - This is training on Google Drive, Docs, Sheets, Slides, and Gmail
3. Google Classroom - This is training on how to use this great collaboration tool
4. Google Apps for Accessibility - This is training on how to use Google tools to assist students with special needs

9. **Districts must contact the SUNY/CUNY teacher preparation program that supplies the largest number of the district's new teachers to request advice on innovative uses and best practices at the intersection of pedagogy and educational technology.**

By checking this box, you certify that you have contacted the SUNY/CUNY teacher preparation program that supplies the largest number of your new teachers to request advice on these issues.

10. **A district whose Smart Schools Investment Plan proposes the purchase of technology devices and other hardware must account for nonpublic schools in the district.**

Are there nonpublic schools within your school district?

- Yes
 No

11. **Nonpublic Classroom Technology Loan Calculator**
The Smart Schools Bond Act provides that any Classroom Learning Technology purchases made using Smart Schools funds shall be lent, upon request, to nonpublic schools in the district. However, no school district shall be required to loan technology in amounts greater than the total obtained and spent on technology pursuant to the Smart Schools Bond Act and the value of such loan may not exceed the total of \$250 multiplied by the nonpublic school enrollment in the base year at the time of enactment.

See:

http://www.p12.nysed.gov/mgtserv/smart_schools/docs/Smart_Schools_Bond_Act_Guidance_04.27.15_Final.pdf.

Smart Schools Investment Plan

Classroom Learning Technology

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	1. Classroom Technology Sub-allocation	2. Public Enrollment (2014-15)	3. Nonpublic Enrollment (2014-15)	4. Sum of Public and Nonpublic Enrollment	5. Total Per Pupil Sub-allocation	6. Total Nonpublic Loan Amount
Calculated Nonpublic Loan Amount	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

12. To ensure the sustainability of technology purchases made with Smart Schools funds, districts must demonstrate a long-term plan to maintain and replace technology purchases supported by Smart Schools Bond Act funds. This sustainability plan shall demonstrate a district's capacity to support recurring costs of use that are ineligible for Smart Schools Bond Act funding such as device maintenance, technical support, Internet and wireless fees, maintenance of hotspots, staff professional development, building maintenance and the replacement of incidental items. Further, such a sustainability plan shall include a long-term plan for the replacement of purchased devices and equipment at the end of their useful life with other funding sources.

By checking this box, you certify that the district has a sustainability plan as described above.

13. Districts must ensure that devices purchased with Smart Schools Bond funds will be distributed, prepared for use, maintained and supported appropriately. Districts must maintain detailed device inventories in accordance with generally accepted accounting principles.

By checking this box, you certify that the district has a distribution and inventory management plan and system in place.

14. If you are submitting an allocation for Classroom Learning Technology complete this table. Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Interactive Whiteboards	(No Response)
Computer Servers	155,000
Desktop Computers	(No Response)
Laptop Computers	50,000
Tablet Computers	(No Response)
Other Costs	(No Response)
Totals:	205,000.00

15. To the extent possible, please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be Purchased	Quantity	Cost per Item	Total Cost
Computer Servers	SANs (Storage Area Network)	2	77,500	155,000
Laptop Computers	Chromebooks	160	313	50,000

Smart Schools Investment Plan

Pre-Kindergarten Classrooms

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1. Provide information regarding how and where the district is currently serving pre-kindergarten students and justify the need for additional space with enrollment projections over 3 years.

(No Response)

2. Describe the district’s plan to construct, enhance or modernize education facilities to accommodate pre-kindergarten programs. Such plans must include:

- Specific descriptions of what the district intends to do to each space;
- An affirmation that pre-kindergarten classrooms will contain a minimum of 900 square feet per classroom;
- The number of classrooms involved;
- The approximate construction costs per classroom; and
- Confirmation that the space is district-owned or has a long-term lease that exceeds the probable useful life of the improvements.

(No Response)

3. Smart Schools Bond Act funds may only be used for capital construction costs. Describe the type and amount of additional funds that will be required to support ineligible ongoing costs (e.g. instruction, supplies) associated with any additional pre-kindergarten classrooms that the district plans to add.

(No Response)

4. All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. Districts that plan capital projects using their Smart Schools Bond Act funds will undergo a Preliminary Review Process by the Office of Facilities Planning.

Project Number
(No Response)

5. If you have made an allocation for Pre-Kindergarten Classrooms, complete this table.
Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Construct Pre-K Classrooms	(No Response)
Enhance/Modernize Educational Facilities	(No Response)
Other Costs	(No Response)
Totals:	

6. To the extent possible, please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

Smart Schools Investment Plan

Replace Transportable Classrooms

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1. Describe the district’s plan to construct, enhance or modernize education facilities to provide high-quality instructional space by replacing transportable classrooms.

(No Response)

2. All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. Districts that plan capital projects using their Smart Schools Bond Act funds will undergo a Preliminary Review Process by the Office of Facilities Planning.

Project Number
(No Response)

3. For large projects that seek to blend Smart Schools Bond Act dollars with other funds, please note that Smart Schools Bond Act funds can be allocated on a pro rata basis depending on the number of new classrooms built that directly replace transportable classroom units.

If a district seeks to blend Smart Schools Bond Act dollars with other funds describe below what other funds are being used and what portion of the money will be Smart Schools Bond Act funds.

(No Response)

4. If you have made an allocation for Replace Transportable Classrooms, complete this table. Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Construct New Instructional Space	(No Response)
Enhance/Modernize Existing Instructional Space	(No Response)
Other Costs	(No Response)
Totals:	

5. To the extent possible, please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.

Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

Smart Schools Investment Plan

High-Tech Security Features

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- Describe how you intend to use Smart Schools Bond Act funds to install high-tech security features in school buildings and on school campuses.**

We have three projects planned that fall under safety and security:

1. Install 49 additional digital surveillance cameras and replace 71 older analog cameras with digital models. Each camera will have a new Cat6 cable installed.
2. Install a new high tech visitor badging system. Each building main entrance will be equipped with this identification system that will print a temporary sticky badge for the visitor to wear.
3. Install a new secure "public interaction window" at each main entrance. Upgrade one vestibule entry wall in the Early Childhood School main entrance.

- All plans and specifications for the erection, repair, enlargement or remodeling of school buildings in any public school district in the State must be reviewed and approved by the Commissioner. Districts that plan capital projects using their Smart Schools Bond Act funds will undergo a Preliminary Review Process by the Office of Facilities Planning.**

Project Number
43-17-01-06-7-999-002

- Was your project deemed eligible for streamlined Review?**

- Yes
 No

- Include the name and license number of the architect or engineer of record.**

Name	License Number
W. Bruce Knapp	72078

- If you have made an allocation for High-Tech Security Features, complete this table.**

Note that the calculated Total at the bottom of the table must equal the Total allocation for this category that you entered in the SSIP Overview overall budget.

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	343,280
Entry Control System	40,002
Approved Door Hardening Project	44,496
Other Costs	(No Response)
Totals:	427,778.00

- To the extent possible, please detail the type, quantity, per unit cost and total cost of the eligible items under each sub-category.**

Smart Schools Investment Plan

High-Tech Security Features

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Select the allowable expenditure type. Repeat to add another item under each type.	Item to be purchased	Quantity	Cost per Item	Total Cost
Electronic Security System	Surveillance cameras	120	959	115,080
Electronic Security System	Labor to install cabling for cameras	120	750	90,000
Electronic Security System	Labor to install cameras	120	542	65,040
Electronic Security System	Camera software & licensing	120	260	31,200
Electronic Security System	Storage for video footage	1	35,000	35,000
Entry Control System	Badge system hardware	6	5,000	30,000
Entry Control System	Cabling/materials for badge system	6	500	3,000
Entry Control System	Labor to install badge system	6	1,167	7,002
Approved Door Hardening Project	Security vestibule wall materials	1	10,000	10,000
Approved Door Hardening Project	Security vestibule wall labor	1	5,000	5,000
Approved Door Hardening Project	Pass through window in vestibule	6	3,000	18,000
Approved Door Hardening Project	Labor to install pass through window in vestibule	6	1,916	11,496
Electronic Security System	Camera programming & testing	120	58	6,960

Smart Schools Investment Plan

Report
