

Smart Schools Investment Plan - Revised - HerricksSSBAv1

SSIP Overview

Institution ID

800000049018

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

Chris G Connors

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

516-305-8771

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

cconnors@herricks.org

2. Please indicate below whether this is the first submission, a new or supplemental submission or an amended submission of an approved 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

5. Did your district contain nonpublic schools in 2014-15?

- Yes
- Yes, but they have since closed or moved out of district
- No

6. 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.

Smart Schools Investment Plan - Revised - HerricksSSBAv1

SSIP Overview

- 6a. Please upload the proposed Smart Schools Investment Plan (SSIP) that was posted on the district's website, along with any supporting materials. 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.

2018-2021_Instructional_Technology_Plan-APPROVED.pdf
 Smart_Schools_Investment_Plan_2016 (1).pdf

- 6b. Enter the webpage address where the final Smart Schools Investment Plan is posted. The Plan should remain posted for the life of the included projects.

<https://ny02208178.schoolwires.net/Page/11922>

- 7. 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

- 8. 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.

- 9. 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)

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

(No Response)

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

\$966,909

- 12. Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	3,884	431	4,315.00	9.99

- 13. This table compares each category budget total, as entered in that category's page, to the total expenditures listed in the category's expenditure table. Any discrepancies between the two must be resolved before submission.

	Sub-Allocations	Expenditure Totals	Difference
School Connectivity	889,844.00	889,844.00	0.00
Connectivity Projects for Communities	0.00	0.00	0.00
Classroom Technology	0.00	0.00	0.00
Pre-Kindergarten Classrooms	0.00	0.00	0.00
Replace Transportable Classrooms	0.00	0.00	0.00
High-Tech Security Features	0.00	0.00	0.00
Nonpublic Loan	68,811.30	68,811.30	0.00

Smart Schools Investment Plan - Revised - HerricksSSBAv1

SSIP Overview

	Sub-Allocations	Expenditure Totals	Difference
Totals:	958,655	958,655	0

Smart Schools Investment Plan - Revised - HerricksSSBAv1

School Connectivity

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.

Nassau BOCES, the largest private fiber-optic networks in the country, provides our district with high speed Internet with speeds of up to 500 Mbps. For 20-21 school year, looking to increase speeds to between 750 Mbps to 1 Gbps.

- 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).** If the district currently meets the required speed, enter “Currently Met” in the last box: **Expected Date When Required Speed Will be Met.**

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	3,939	393.90	500	500	Currently met

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

The District plans to replace all outdated (end of life) wired and wireless network infrastructure, including but not limited to: redundant core switches (10) access layer switches (68), wireless access points (338) firewall (1), redundant wireless access controllers (2) so that all of district connectivity (server farm to devices and/or wireless access points) will support 1Gbs.

Smart Schools Investment Plan - Revised - HerricksSSBAv1

School Connectivity

- 4. Describe the linkage between the district's District Instructional Technology Plan and how the proposed projects will improve teaching and learning. (There should be a link between your response to this question and your responses to Question 1 in Section IV - NYSED Initiatives Alignment: "Explain how the district use of instructional technology will serve as a part of a comprehensive and sustained effort to support rigorous academic standards attainment and performance improvement for students.")

Your answer should also align with your answers to the questions in Section II - Strategic Technology Planning and the associated Action Steps in Section III - Action Plan.)

Herricks Union Free School District will continue to support a district wide-area telecommunications network with access to the Internet. This network connects all classrooms, schools and administrative offices. Students, teachers and administrators will continue to have access to global information for the classroom, office and workplace. Our classrooms and building learning spaces will be 21st learning environments of inquiry, providing instant access, through the WAN and the Internet, to information resources at the building, district, county, state, national and global levels. Teachers and students will continue to explore and implement an online presence to support 24/7 learning. This access will accelerate the routine tasks associated with learning, assessments, thinking and problem solving in all curriculum areas. Our teachers will have access to the most up-to-date achievement data for their students through our telecommunications network linking to the BOCES data warehouse, NWEA, School Meter and the New York State data repository. This data will be used to shape instruction for our students. The District will provide the needed technology resources to accommodate a robust online testing environment for all students, grades 3-12. All online testing device deployments will be made with the intent to maximize the use of technology resources for both formative and summative assessment and, most importantly, curriculum/instructional integration. Updated network infrastructure, switches and servers are an absolutely essential component of our plan. These improvements will greatly improve the speed and capabilities of both our current and future desktop and mobile device deployments as well as support our total technology-supported teaching and learning vision.

- 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.

During the process of developing a plan to update our network and wireless network infrastructure we consulted experts in the field, looked at our current district network utilization along with currently connected devices and the projected number of new devices we will be acquiring over the next five years. A detailed heat-map of all of our buildings was conducted and guided us in determining the most effective wired/wireless network infrastructure for the current and future needs of the district.

- 6. Smart Schools plans with any expenditures in the School Connectivity category require a project number from the Office of Facilities Planning. Districts must submit an SSBA LOI and receive project numbers prior to submitting the SSIP. As indicated on the LOI, some projects may be eligible for a streamlined review and will not require a building permit.

Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
28-04-09-03-7-999-BA1

- 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
(No Response)	(No Response)

Smart Schools Investment Plan - Revised - HerricksSSBAv1

School Connectivity

9. Public Expenditures – Loanable (Counts toward the nonpublic loan calculation)

Select the allowable expenditure type. Repeat to add another item under each type.	PUBLIC Items to be Purchased	Quantity	Cost Per Item	Total Cost
Network/Access Costs	EDU-C2960X-48FPD-L Cisco Catalyst 2960-X 48 GigE PoE Switch 2x10G SFP+	61	3,998.00	243,878.00
Network/Access Costs	C1-WS3850-12XS-S Cisco ONE Catalyst 3850 12 Port 10G Fiber Switch IP Base	5	6,750.00	33,750.00
Network/Access Costs	C2960X-STACK Catalyst 2960-X FlexStack Plus Stacking Module	52	598.00	31,096.00
Internal Components and Connections	SFP-10G-SR-S Cisco - SFP+ transceiver module - 10 Gigabit Ethernet	80	325.00	26,000.00
Network/Access Costs	C1-WS3650-48FD/K9 Cisco ONE Catalyst 3650-48FD - switch - 48 ports - managed - rack-mountable	2	5,050.00	10,100.00
Network/Access Costs	CON-SNTP-3648FDK9 SMARTnet Hardware Replacement SNTC-24X7X4 C1 Cat 3650 48 Port Full PoE 2x10G Uplink switching Hardware (36 month duration)	2	2,137.00	4,274.00
Network/Access Costs	PWR-C2-1025WAC/2 1025W AC Config 2 Secondary Power Supply	2	900.00	1,800.00
Network/Access Costs	C1APCAT36502K9 Cisco One Advanced Perpetual-technical support - Catalyst 3650 48-port switching Hardware	2	1,750.00	3,500.00
Network/Access Costs	CON-SNTP-C1WS385S SNTC-24X7X4 Cisco ONE Catalyst 3850 12 Port 10G Fiber switching hardware (36 month duration)	8	2,860.00	22,880.00
Network/Access Costs	PWR-C1-350WAC/2 350W AC Config 1 Secondary Power Supply	8	325.00	2,600.00
Network/Access Costs	CON-SNTP-C1WSC38X SNTC-24X7X4 Cisco ONE Catalyst 3850 24 Port 10G Fiber switching hardware (36 month duration)	2	4,445.00	8,890.00
Network/Access Costs	PWR-C1-715WAC/2 715W AC Config 1 Secondary Power	2	625.00	1,250.00

Smart Schools Investment Plan - Revised - HerricksSSBAv1

School Connectivity

Select the allowable expenditure type. Repeat to add another item under each type.	PUBLIC Items to be Purchased	Quantity	Cost Per Item	Total Cost
	Supply			
Network/Access Costs	C1APCAT38504K9 Cisco One Advanced Perpetual-technical support Catalyst 3850 24-port Fiber switch	2	2,000.00	4,000.00
Network/Access Costs	CON-SNT-FPR21FWN SMARTnet SNTC-8X5XNBD Cisco Firepower 2110 NGFW Appliance, 1U Firewall hardware (36 month duration)	1	1,848.00	1,848.00
Network/Access Costs	PI-UCS-APL-K9 Cisco Prime Infrastructure UCS Physical Hardware Appliance	1	9,266.00	9,266.00
Network/Access Costs	CON-SNT-PIUCPLK9 SMARTnet SNTC-8X5XNBD Cisco Prime Infrastructure for CISCO Prime Appliance (36 month duration)	1	4,032.00	4,032.00
Network/Access Costs	PI-UCS-H900G10K12G 900GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted for CISCO Prime Appliance	4	683.00	2,732.00
Network/Access Costs	CON-SNT-CT5520K9 CISCO SMARTnet-extended service SNTC-8X5XNBD for Cisco 5520 Wireless controller (36 month duration)	2	5,460.00	10,920.00
Network/Access Costs	AIR-AP1852I-B-K9 Wireless Access Point 802.11ac Wave 2; 4x4:4SS; Int Antenna	338	497.00	167,986.00
Network/Access Costs	SFP-10G-LR-S= 10GBASE-LR SFP Transceiver Module, Enterprise-Class	4	950.00	3,800.00
Network/Access Costs	FPR2110-NGFW-K9 Cisco Firepower 2110 NGFW Appliance, 1U	1	5,498.00	5,498.00
Network/Access Costs	C1-AIR-CT5520-K9 CiscoONE- 5520 Wireless Controllerw/rack mounting kit	2	10,000.00	20,000.00
		582	69,997.00	620,100

10. Public Expenditures – Non-Loanable (Does not count toward nonpublic loan calculation)

Smart Schools Investment Plan - Revised - HerricksSSBAv1

School Connectivity

Select the allowable expenditure type. Repeat to add another item under each type.	PUBLIC Items to be purchased	Quantity	Cost per Item	Total Cost
Network/Access Costs	FS-VMW-2-SW-K9 Cisco Firepower Management Center,(VMWare) License for Firewall	1	250.00	250.00
Network/Access Costs	L-FPR2110T-TMC-3Y Cisco FPR2110 Threat Defense Threat, Malware and URL License (36 month duration)	1	6,730.00	6,730.00
Professional Services	Installation and configuration of Cisco redundant core switches and Cisco access layer switches, redundant wireless controllers,Cisco access points, and Cisco Prime appliance. Project management service.	1	106,982.00	106,982.00
Network/Access Costs	L-FPR2110T-T-3Y Cisco FPR2110 Threat Defense Threat Protection License (36 month duration)	1	2,640.00	2,640.00
Network/Access Costs	C1FACAT29002K9 Cisco ONE Foundation Lite Perpetual License - for Cat 2900 48 Port switch	66	100.00	6,600.00
Network/Access Costs	C1FPCAT38503K9 Cisco One Foundation Perpetual for Catalyst 3850 12-port Fiber switch	8	350.00	2,800.00
Network/Access Costs	C1FPCAT36502K9 Cisco One Foundation Perpetual License - for Catalyst 3650 48-port switch	2	1,075.00	2,150.00
Network/Access Costs	CON-ECMU-C1FC3652 Cisco SMARTnet Software Support Service SWSS UPGRADES C1 FND Perpetual-Catalyst 3650 48-port switching (36 month duration)	2	630.00	1,260.00
Connections/Components	CAB-STK-E-1M Cisco Bladeswitch 1M stack cable	9	100.00	900.00
Connections/Components	1 Port Surface Box ISB1W	441	2.00	882.00
Network/Access Costs	L-FPR2110T-URL-3Y Cisco FPR2110 Threat Defense URL Filtering License (36 month duration)	1	2,640.00	2,640.00
Network/Access Costs	CON-ECMU-RPI31SW9 Cisco SMARTnet SWSS UPGRADES Prime Infrastructure 3.1 Software	1	11.00	11.00
Network/Access Costs	CON-ECMU-C1AC3853 Cisco SMARTnet Software Support Service SWSS UPGRADES C1 Advanced Perpetual Cat 3850 12Prt Fiber switch (36 month duration)	8	630.00	5,040.00

Smart Schools Investment Plan - Revised - HerricksSSBAv1

School Connectivity

Select the allowable expenditure type. Repeat to add another item under each type.	PUBLIC Items to be purchased	Quantity	Cost per Item	Total Cost
Connections/Components	Installation and configuration of Cisco NGFWs as standby peers	1	14,838.00	14,838.00
Network/Access Costs	CON-ECMU-C1FC3853 Cisco SMARTnet Software Support Service SWSS UPGRADES C1 FND Perpetual for Cat3850 12-port Fiber switch (36 month duration)	8	63.00	504.00
Network/Access Costs	L-MGMT3X-PI-BASE Cisco Enterprise MGMT: PI 3.x Platform Base License	1	48.00	48.00
Network/Access Costs	CON-ECMU-LMGMBASE SMARTnet Software Support Service SWSS UPGRADES Cisco Ent MGMT PI 3.x Platform Base License	1	40.00	40.00
Network/Access Costs	C1FPCAT38504K9 Cisco One Foundation Perpetual Catalyst 3850 24-port Fiber switching	2	350.00	700.00
Network/Access Costs	CON-ECMU-C1AP3652 Cisco SMARTnet Software Support Service SWSS UPGRADES C1 Advance Perpetual-Cat 3650 48Prt	2	1,103.00	2,206.00
Network/Access Costs	CON-ECMU-C1AC3854 Cisco SMARTnet Software Support Service SWSS UPGRADES C1 Advance Perpetual Cat 3850 24Prt Fiber switch (36 month duration)	2	1,260.00	2,520.00
Network/Access Costs	CON-ECMU-C1FPC292 Cisco SMARTnet Software Support Service SWSS UPGRADES C1 FND Perpetual - Cat2900 48 Port switching Hardware (36 month duration)	66	63.00	4,158.00
Network/Access Costs	L-MGMT3X-HA Cisco Enterprise MGMT: PI 3.x, APIC-EM High Availability License	1	1,498.00	1,498.00
Network/Access Costs	CON-ECMU-LMGMT3HA SMARTnet Software Support Service SWSS UPGRADES Cisco Ent MGMT PI 3.x, APIC-EM (36 month duration)	1	1,258.00	1,258.00
Network/Access Costs	C1FPAIRK9 Cisco ONE Foundation Perpetual - Wireless License (36 month duration)	350	175.00	61,250.00
Network/Access Costs	R-PI31-SW-K9 Prime Infrastructure 3.1 Software Support Service-technical support	1	13.00	13.00
Network/Access Costs	CON-ECMU-C1FC3854 Cisco	2	63.00	126.00

Smart Schools Investment Plan - Revised - HerricksSSBAv1

School Connectivity

Select the allowable expenditure type. Repeat to add another item under each type.	PUBLIC Items to be purchased	Quantity	Cost per Item	Total Cost
	SMARTnet Software Support Service SWSS UPGRADES C1 FND Perpetual Cat3850 24-port Fiber switch (36 month duration)			
Network/Access Costs	CON-ECMU-VMWSW2 SMARTnet SWSS UPGRADES Cisco Firepower Management Center,(VMWare) for Firewall (36 month duration)	1	210.00	210.00
Network/Access Costs	CON-ECMU-C1FPAIR SMARTnet Software Service Support SWSS UPGRADES C1 Foundation Perpetual - Wireless controller	350	111.00	38,850.00
Network/Access Costs	L-FPR2110T-AMP-3Y Cisco FPR2110 Threat Defense Malware Protection License (36 month duration)	1	2,640.00	2,640.00
		1,332	145,873.00	269,744

11. Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement (no changes allowed.)

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	3,884	431	4,315.00	9.99

12. Total Public Budget - Loanable (Counts toward the nonpublic loan calculation)

	Public Allocations	Estimated Nonpublic Loan Amount	Estimated Total Sub-Allocations
Network/Access Costs	594,100.00	65,926.13	660,026.13
School Internal Connections and Components	26,000.00	2,885.17	28,885.17
Other	0.00	0.00	0.00
Totals:	620,100.00	68,811	688,911

13. Total Public Budget – Non-Loanable (Does not count toward the nonpublic loan calculation)

	Sub-Allocation
Network/Access Costs	146,142.00
Outside Plant Costs	0.00
School Internal Connections and Components	16,620.00
Professional Services	106,982.00
Testing	0.00
Other Upfront Costs	0.00
Other Costs	0.00

Smart Schools Investment Plan - Revised - HerricksSSBAv1

School Connectivity

	Sub- Allocation
Totals:	269,744.00

14. School Connectivity Totals

	Total Sub-Allocations
Total Loanable Items	688,911.30
Total Non-loanable Items	269,744.00
Totals:	958,655

Smart Schools Investment Plan - Revised - HerricksSSBAv1

Community Connectivity (Broadband and Wireless)

1. 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)

2. 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)

3. 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.

4. Please describe the physical location of the proposed investment.

(No Response)

5. 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)

6. 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)	0.00
		0	0.00	0

7. 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:	0.00

Smart Schools Investment Plan - Revised - HerricksSSBAv1

Classroom Learning Technology

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.

(No Response)

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).** If the district currently meets the required speed, enter “Currently Met” in the last box: **Expected Date When Required Speed Will be Met.**

	Number of Students	Required Speed in Mbps	Current Speed in Mbps	Expected Speed to be Attained Within 12 Months	Expected Date When Required Speed Will be Met
Calculated Speed	(No Response)	0.00	(No Response)	(No Response)	(No Response)

3. 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.

(No Response)

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.

(No Response)

Smart Schools Investment Plan - Revised - HerricksSSBAv1

Classroom Learning Technology

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?")

In addition, describe how the district ensures equitable access to instruction, materials and assessments and participation in the general curriculum for both SWD and English Language Learners/Multilingual Learners (ELL/MLL) students.

(No Response)

7. Where appropriate, 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.

(No Response)

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."

(No Response)

9. Districts must contact one of the SUNY/CUNY teacher preparation programs listed on the document on the left side of the page 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.

- 9a. Please enter the name of the SUNY or CUNY Institution that you contacted.

(No Response)

- 9b. Enter the primary Institution phone number.

(No Response)

- 9c. Enter the name of the contact person with whom you consulted and/or will be collaborating with on innovative uses of technology and best practices.

(No Response)

Smart Schools Investment Plan - Revised - HerricksSSBAv1

Classroom Learning Technology

10. 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.

11. 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.

12. 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)	0.00
		0	0.00	0

13. Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement (no changes allowed.)

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	3,884	431	4,315.00	9.99

14. If you are submitting an allocation for Classroom Learning Technology complete this table.

	Public School Sub-Allocation	Estimated Nonpublic Loan Amount (Based on Percentage Above)	Estimated Total Public and Nonpublic Sub-Allocation
Interactive Whiteboards	(No Response)	0.00	0.00
Computer Servers	(No Response)	0.00	0.00
Desktop Computers	(No Response)	0.00	0.00
Laptop Computers	(No Response)	0.00	0.00
Tablet Computers	(No Response)	0.00	0.00
Other Costs	(No Response)	0.00	0.00
Totals:	0.00	0	0

Smart Schools Investment Plan - Revised - HerricksSSBAv1

Pre-Kindergarten Classrooms

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 new 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.

Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
(No Response)

5. 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)	0.00
		0	0.00	0

6. 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:	0.00

Smart Schools Investment Plan - Revised - HerricksSSBAv1

Replace Transportable Classrooms

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.

Please indicate on a separate row each project number given to you 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. 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)	0.00
		0	0.00	0

5. 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:	0.00

Smart Schools Investment Plan - Revised - HerricksSSBAv1

High-Tech Security Features

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

(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. Smart Schools plans with any expenditures in the High-Tech Security category require a project number from the Office of Facilities Planning. Districts must submit an SSBA LOI and receive project numbers prior to submitting the SSIP. As indicated on the LOI, some projects may be eligible for a streamlined review and will not require a building permit. Please indicate on a separate row each project number given to you by the Office of Facilities Planning.

Project Number
(No Response)

3. Was your project deemed eligible for streamlined Review?

- Yes
- No

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

Name	License Number
(No Response)	(No Response)

5. 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)	0.00
		0	0.00	0

6. If you have made an allocation for High-Tech Security Features, complete this table. Enter each Sub-category Public Allocation based on the the expenditures listed in Table #5.

	Sub-Allocation
Capital-Intensive Security Project (Standard Review)	(No Response)
Electronic Security System	(No Response)
Entry Control System	(No Response)
Approved Door Hardening Project	(No Response)
Other Costs	(No Response)
Totals:	0.00

Smart Schools Investment Plan - Revised - HerricksSSBAv1

Non-Public Schools

1. Describe your plan to utilize SSBA funds to purchase devices and loan to the nonpublic schools within your district. Please specify what devices have been requested by the nonpublic schools. If the nonpublic schools have not finalized requests, the district should provide the date nonpublic schools will submit the request by.

Schools have been emailed and phone messages have been left for the non-public schools. Non-public schools should make their request no later than April 1st of the current school year.

2. A final Smart Schools Investment Plan cannot be approved until school authorities have adopted regulations specifying the date by which requests from nonpublic schools for the purchase and loan of Smart Schools Bond Act classroom technology must be received by the district.

By checking this box, you certify that you have such a plan and associated regulations in place that have been made public.

- 2a. Please enter the date each year nonpublic schools must request loanable items from the school district. This date cannot be earlier than June 1 of the previous school year.

06/01/yyyy

3. Final 2014-15 BEDS Enrollment to calculate Nonpublic Sharing Requirement (no changes allowed.)

	Public Enrollment	Nonpublic Enrollment	Total Enrollment	Nonpublic Percentage
Enrollment	3,884	431	4,315.00	9.99

4. Nonpublic Loan Calculator

	Loanable School Connectivity	Loanable Classroom Technology	Additional Nonpublic Loan (Optional)	Estimated Per Pupil Amount - This Plan	Previously Approved Per Pupil Amount(s)	Cumulative Per Pupil Loan Amount	Final Per Pupil Loan Amount - This Plan	Final Total Loan Amount - This Plan
Required Nonpublic Loan	688,911.30	0.00		159.65	0.00	159.65	159.65	68,811.30
Final Adjusted Loan - (If additional loan funds)	688,911.30	0.00	(No Response)	159.65	0.00	159.65	159.65	68,811.30

5. Nonpublic Share

	Final Per Pupil Amount	Final Nonpublic Loan Amount
Previously Approved Plans	0.00	0.00
This Plan	159.65	68,811.30
Total	159.65	68,811.30

6. Distribution of Nonpublic Loan Amount by School

Nonpublic School Name	2018-19 K-12 Enrollment	Special Ed School? If Yes, not eligible
BUCKLEY COUNTRY DAY SCHOOL	287	No
HENRY VISCARDI SCHOOL	157	Yes
ST AIDAN SCHOOL-WEST CAMPUS	121	No

7. Please detail the type, quantity and per unit cost of the eligible items under each sub-category.

Smart Schools Investment Plan - Revised - HerricksSSBAv1

Non-Public Schools

Select the allowable expenditure type. Repeat to add another item under each type.	Items to be purchased	Quantity	Cost Per Item	Total Cost
Unbudgeted Nonpublic Loan Amount	TBD	1	68,811.30	68,811.30
		1	68,811.30	68,811