

Smart Schools Bond Act Preliminary Investment Plan Public Hearing

February 24, 2016

Smart Schools Bond Act of 2014

- Statewide Referendum held on November 4, 2014
- The bond financed improved educational technology and infrastructure to help improve learning and opportunity for students throughout the state.
- New York State determined the allocation for each district:
 - ✓ Miller Place UFSD Allocation = \$1,892,970
- Submit comments regarding the Preliminary Plan:
 - ✓ Miller Place UFSD-Smart Schools Investment Plan
7 Memorial Drive
Miller Place, NY 11764
Phone (631) 474-2700 or Fax (631) 331-8832

Smart Schools Bond Act Allowable Investment Projects

- Pre-kindergarten Classrooms
- School Connectivity – Broadband and Wireless
- Classroom Learning Technology
- Connectivity Projects for Communities
- Replacement of Classroom Trailers
- High-Tech Security Features

Smart Schools Bond Act Projects in Preliminary Plan

- Pre-kindergarten Classrooms (2) – \$1,400,000
- School Connectivity –
 - Broadband and Wireless – 492,970
 - Update wireless infrastructure
 - Update wired infrastructure
 - Update network servers/controllers
 - Eliminate a leased network line by connecting high school and central office
 - Update and/or move network operations center (NOC)

Smart Schools Bond Act Projects Not in Preliminary Plan

- Replacement of Classroom Trailers
 - ✓ Not Applicable
- High Tech Security Features
 - ✓ Features already in place in the District
- Connectivity Projects for Communities
 - ✓ No – Outside Organizations in District - Library, YMCA, Senior Centers
- Classroom Learning Technology
 - ✓ No student devices

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Pre-Kindergarten Classroom Considerations

- Possible future state mandate for pre-kindergarten
- Justifications for construction –
 - ✓ Currently pre-kindergarten students are not educated in the District - average students who could benefit is 160
 - ✓ All classrooms in Andrew Muller Primary School are currently utilized for the existing K-2 program
 - ✓ Location for addition – east of the existing addition built in 2010
 - ✓ 2 classrooms added to serve pre-kindergarten student population

Smart Schools Bond Act Pre-Kindergarten Analysis

- The District is not currently serving pre-kindergarten students
- All current classrooms are being utilized for the existing K-12 program
- Expect pre-kindergarten enrollment would average 160 based on prior enrollment history shown below:

BEDS Date Enrollment	Kindergarten	<i>Projected Pre-kindergarten</i>
Oct-09	215	175
Oct-10	175	210
Oct-11	210	166
Oct-12	166	181
Oct-13	181	148
Oct-14	148	152
Oct-15	152	n/a
7 Year Average	178	
5 Year Average	171	
3 Year Average	160	

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Pre-kindergarten Classrooms Project

- The preliminary plan is for two pre-kindergarten classrooms includes the following:
 - ✓ Classroom - minimum 900 square feet, ADA compliant, and interior bathroom
 - ✓ Windows – students have an exterior view
 - ✓ Mechanical Ventilation – controlled heating and source of fresh air
 - ✓ Egress – two forms needed: window or exterior door and hallway door
 - ✓ Sink, cubbies, learning centers, technology capability
- Review and approval by NYSED Facilities Planning is required

Smart Schools Bond Act School Connectivity Considerations

- Possible Future Mandate –
 - Online Testing (NYSED Memo 12/1/15)
 - Bandwidth Considerations
 - 3-8 Testing
 - Regents Exams
 - SAT/ACT Exams

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School Connectivity Project Considerations

- The preliminary plan for School Connectivity Infrastructure Projects may include as funding permits:
 - Update wireless infrastructure
 - Update wired infrastructure
 - Update servers/controllers
 - Eliminate a leased network line by connecting high school and central office
 - Update and/or move network operations center (NOC)

Smart Schools Bond Act IT Considerations

- The school connectivity infrastructure projects directly support the District adopted technology goals included in the approved NYSED Educational Technology Plan
- The following are examples of the District's plans to use experiences with technology and digital resources in which students can engage:
 - ✓ Creativity and innovation
 - ✓ Communications and collaboration
 - ✓ Research and Information Fluency
 - ✓ Critical Thinking, Problem Solving and Decision Making
 - ✓ Digital Citizenship
 - ✓ Demonstrate the safe and cooperative use of technology
 - ✓ Technology operations and concepts

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School Connectivity Considerations

- Smart Schools Bond Act - Funds used for technology infrastructure requires that Districts must increase the number of school buildings that meet or exceed the Federal Communications Commission minimum speed:
 - ✓ 100 Mbps per 1,000 students in District
 - ✓ For Miller Place that means *~300 Mbps*
 - ✓ Increases annual budget costs to District
 - ✓ Need for bandwidth on annual basis or as needed
 - ✓ Potential for higher bandwidth requirements shortly
 - ✓ Apply funds towards equipment needed to meet requirements

Smart Schools Bond Act Other Considerations

➤ Recurring costs of investments:

- Warranties
- Manpower to maintain investments:
 - Technical support
 - Replacement of incidental items
- Compatibility with the existing infrastructure
- Future budgetary impact

Smart Schools Bond Act Projected Timeline

1.	NYS Residents Approve Statewide Referendum	November 2014
2.	Form Committee of Stakeholders	September 2015
3.	Determine District Needs	November 16, 2015 & December 7, 2015
4.	Committee Finalize Recommendations	December 7, 2015
5.	Develop SSBA Preliminary Plan	December 8-23, 2015
6.	Submit Letter of Intent to NYSED Facilities Planning	December 8-23, 2015
7.	Receive Project Numbers from NYSED Facilities Planning	January 2016
8.	Board of Education – Preliminary Approval of SSBA Plan	January 27, 2016
9.	Post Preliminary Plan on the Website for 30 days	January 28, 2016
10.	Public Hearing with 2 weeks public notice	February 24, 2016
11.	Board of Education – Final approval of SSBA Plan	March 30, 2016
12.	SSBA Plan submission to NYSED	April 1-April 8, 2016
13.	SSBA Plan review by NYSED	April 9-June 30, 2016
14.	NYSED submission of SSBA Plan to Smart Schools Review Board for approval	July 1, 2016-September 30, 2016 (Smart Schools Board meets quarterly)
15.	Architect develop detailed plans and specifications	October-December 2016 (3 months)
16.	Submit final plans to NYSED Facilities Planning for approval	January 1, 2017
17.	Receive NYSED Facilities Planning approval	January 2018 (12 months)
18.	Bid projects	February-March 2018
19.	Award projects	March-April 2018
20.	Begin projects	Summer 2018

Smart Schools Bond Act Preliminary Investment Plan

Questions & Answers Board of Education & Public

All Smart Bond Plan Documents are posted on the
District website at www.millerplace.k12.ny.us