

DECEMBER 2016 BIANNUAL REPORT

Reporting Period of April 1, 2016 – September 30, 2016

JOSEPH C. CARLISO ELEMENTARY SCHOOL

WELCOME



NEW JERSEY

SCHOOLS DEVELOPMENT AUTHORITY

New Jersey Schools Development Authority (SDA)

The New Jersey Schools Development Authority (SDA) fully funds and manages the new construction, modernization and renovation of school facilities projects in 31 school districts, known as the SDA Districts. It also makes grants available to Regular Operating Districts (RODs) throughout New Jersey for facilities projects approved by the NJ Department of Education (DOE).

SDA Mission

Our mission is to deliver high-quality educational facilities that best meet the needs of the students of the State of New Jersey. While providing efficiently designed facilities that enhance the academic environment, we promote fiscal responsibility in the management of taxpayers' resources.

SDA Executive Staff



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Chief of Staff

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Vice President and Chief Financial Officer

Jane F. Kelly
Vice President – Corporate Governance and Operations

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CEO MESSAGE



The period from April 1 through September 30 was marked by building at a frenzied pace in order to complete seven projects. This was followed by a feeling of incredible satisfaction upon the opening of seven schools where children across the state will be educated in state-of-the-art-learning facilities. We opened two new schools in Paterson, one in Keansburg, one in Jersey City, and a new addition in Bridgeton along with high schools in Elizabeth and Phillipsburg. With the opening of those buildings, as well as two schools in Newark that opened earlier in the year, the SDA has provided more than 8,500 new seats where children will be learning. In addition, Paterson students who formerly attended the run-down Don Bosco School

started this school year in the former Paterson Catholic High School, which was purchased and upgraded by SDA for their use.

As the leader of this fine organization, there was no better feeling than seeing the smiles on the faces of children in their new schools. It signaled to them and their parents that this State and the Christie Administration care about their futures and are willing to support it with new facilities to advance their education.

None of this work would be possible without the incredible efforts of the entire SDA staff -- from the facilities people who make our working environment sound, to the records people who are now digitizing all of our files, to the legal and accounting, financial and internal auditing staffs who keep us on the straight and narrow. Our procurement department ensures fairness and fiscal responsibility in our engagement of all the services we use and our insurance people make sure that we are protected. Our IT staff keeps our information systems humming along, our grants staffs ensures that the entire State gets educational upgrades, our special projects folks handle out of the ordinary tasks such as our SWMBE training, our real estate people manage our properties and acquisitions, our corporate relations folks ensure that our Board is given all that it needs to guide us and our communications staff touts us both inside and outside the organization. Finally, our planning, and design folks take the projects from the idea phase and turn them into working documents that our construction operations folks turn into the fine buildings that we turn over to school districts in completely furnished fashion. We do this all while maintaining our safety standards thanks to our folks who check on the working conditions at all of our jobs and properties. This is a great organization that I have the honor of leading and together we make things happen for the children of this State.

BUILDING SCHOOLS, BUILDING COMMUNITIES

Revamped SDA Program Delivers Results

With September school openings, 2016 has been a year in which more than 8,500 students had access to seats in new or renovated learning centers throughout the State. The successful delivery of school facilities, specifically during this reporting period, exemplifies the achievement of the responsible and accountable school construction program implemented under the Christie Administration.

During the reporting period, SDA held eight ceremonial ribbon cuttings in seven School Districts, highlighting the positive impact that the State's investment and the work of the SDA has had on these communities. The smiles on students' faces reflected their excitement with their new state of the art learning spaces.

An excerpt from: Classy

*A poem written by Paterson
School 16 students*

*School 16 is the place to be.
Come on inside ...and you will see
The classy scene.
The seats are clean.
It's like Mozart- a masterpiece.
Escuela 16 es una buena creación
fue hecho para toda la nacion,
Paterson has made a great
foundation.
School 16 is a great creation...*

All of the schools that opened in 2016 were designed incorporating the guidelines developed by the United States Green Building Council (USGBC) known as the "Leadership in Energy & Environmental Design ("LEED®") program in order to achieve maximum energy efficiency and environmental sustainability in the design of schools. The new schools will be submitted for LEED certification, including a couple schools expected to achieve Silver or Gold designations. In addition, all of the new schools were built utilizing the materials and systems standards that were instituted by the SDA in 2011.

Programmatic reforms instituted at SDA are having the intended result of ensuring predictability, minimizing surprise and keeping commitments, as evidenced by the fact that the schools opened this year were completed on or ahead of schedule and all were on budget. Through the use of the design-build approach and an enhanced constructability review process for design-bid-build projects, SDA's new schools experienced far fewer change orders than in prior periods. In fact, the design-build or construction contracts for schools that opened in 2016 experienced an average of less than four percent in change orders. In comparison, from 2002 to 2009, construction contracts for completed projects experienced an average of nearly 17 percent in change orders.

The end result is educational learning centers that not only benefit the students who have the opportunity to learn within their walls, but also positively impact their surrounding communities, all delivered with a commitment to fiscal responsibility.

For a closer look at the schools opened by SDA during this reporting period, individual school profiles are included in this report on the ensuing pages.

BUCKSHUTEM ROAD ELEMENTARY SCHOOL



DESCRIPTION

A 34,000-square-foot addition to and 7,000-square-foot renovation of the existing Buckshutem Road School which serves students in kindergarten through eighth grades. The addition included a new gymnasium and nine classrooms. Renovation work included the conversion of the existing gymnasium to a media center and the existing media center to a student services center.

PROJECT TYPE

**Addition and
Renovation**

DELIVERY TYPE

Design - Build

SCHOOL DISTRICT

Bridgeton

ADDITIONAL SEATS

196

CONSTRUCTION CONTRACT

\$15.5 M

TOTAL STATE INVESTMENT

\$23.3 M

OCCUPANCY

September 2016

ARCHITECT

DMR Architects, PC

CONSTRUCTION MANAGER

STV Construction, Inc.

GENERAL CONTRACTOR

**Ernest Bock and Sons,
Inc.**



STATE OF NEW JERSEY

SCHOOLS DEVELOPMENT AUTHORITY

DR. HANI AWADALLAH ELEMENTARY SCHOOL



DESCRIPTION

A new, nearly 105,500-square-foot school for students in grades kindergarten through eight. The facility includes 23 general classrooms, four kindergarten classrooms, specialized instruction classrooms and labs, a media center, a gymnasium, a cafeteria with stage, and a community room. The project also includes a pedestrian bridge over the NJ Transit railroad right of way to provide access for those areas of the city to be served by the school.

PROJECT TYPE

New School

DELIVERY TYPE

Design - Bid - Build

SCHOOL DISTRICT

Paterson

MAXIMUM CAPACITY

722

CONSTRUCTION CONTRACT

\$35.5 M

TOTAL STATE INVESTMENT

\$55.2 M

OCCUPANCY

September 2016

ARCHITECT

**DIGroup Architecture,
LLC**

CONSTRUCTION MANAGER

STV Construction, Inc.

GENERAL CONTRACTOR

**Ernest Bock and Sons,
Inc.**



STATE OF NEW JERSEY

SCHOOLS DEVELOPMENT AUTHORITY

DR. MAYA ANGELOU SCHOOL #20



DESCRIPTION

A new 108,800-square-foot, three-story school for students in grades kindergarten through five. The school includes 30 general education classrooms, four self-contained special education classrooms, a technology lab, a cafeteria, a gymnasium, a multi-purpose room and a media center.

PROJECT TYPE

New School

DELIVERY TYPE

Design-Bid-Build

SCHOOL DISTRICT

Jersey City

MAXIMUM CAPACITY

698

CONSTRUCTION CONTRACT

\$28.7 M

TOTAL STATE INVESTMENT

\$49.3 M

OCCUPANCY

September 2016

ARCHITECT

**SSP Architectural
Group**

CONSTRUCTION MANAGER

**Gilbane Building
Company**

GENERAL CONTRACTOR

Dobco, Inc.



STATE OF NEW JERSEY

SCHOOLS DEVELOPMENT AUTHORITY

ELIZABETH HIGH SCHOOL - FRANK J. CICARELL ACADEMY



DESCRIPTION

A new 183,000-square-foot, four-story facility for students in grades nine through twelve. The school includes general education classrooms, science labs, small group instruction classrooms, self-contained special education classrooms, an auditorium, cafeteria and full service kitchen, a gymnasium, an auxiliary gymnasium and a media center.

PROJECT TYPE

New School

DELIVERY TYPE

Design - Bid - Build

SCHOOL DISTRICT

Elizabeth

MAXIMUM CAPACITY

1,284

CONSTRUCTION CONTRACT

\$43 M

TOTAL STATE INVESTMENT

\$64.1 M

OCCUPANCY

September 2016

ARCHITECT

Skidmore, Owings & Merrill, Architects, P.A.

CONSTRUCTION MANAGER

GREYHAWK North America, LLC

GENERAL CONTRACTOR

Patock Construction Co.



STATE OF NEW JERSEY

SCHOOLS DEVELOPMENT AUTHORITY

JOSEPH C. CARUSO ELEMENTARY SCHOOL



DESCRIPTION

A new 122,000-square-foot school for students in grades kindergarten through four. The school was constructed on the site of the original 58,000-square-foot Joseph C. Caruso Elementary School. The new school includes 28 general classrooms, eight kindergarten classrooms, six specialized instructional classrooms, a cafeteria with stage, a gymnasium and media center.

PROJECT TYPE

New School

DELIVERY TYPE

Design - Build

SCHOOL DISTRICT

Keansburg

MAXIMUM CAPACITY

842

CONSTRUCTION CONTRACT

\$32.7 M

TOTAL STATE INVESTMENT

\$50.9 M

OCCUPANCY

September 2016

ARCHITECT

**Paulus, Sokolowski and
Sarter, LLC**

CONSTRUCTION MANAGER

Joseph Jingoli & Sons

GENERAL CONTRACTOR

**Hall Construction Co.,
Inc.**



STATE OF NEW JERSEY

SCHOOLS DEVELOPMENT AUTHORITY

OLIVER STREET SCHOOL



DESCRIPTION

Located in the East Ward, a new 137,000-square-foot school for students in pre-kindergarten through eighth grades. The facility replaces the previous antiquated school which was constructed in 1869. The new school provides 30 general use classrooms, four kindergarten classrooms, six pre-kindergarten classrooms, specialized instruction classrooms and labs, a media center, separate cafeteria, gymnasium and a multipurpose room with stage.

PROJECT TYPE

New School

DELIVERY TYPE

Design - Build

SCHOOL DISTRICT

Newark

MAXIMUM CAPACITY

932

CONSTRUCTION CONTRACT

\$38.8 M

TOTAL STATE INVESTMENT

\$73.6 M

OCCUPANCY

May 2016

ARCHITECT

NK Architects

CONSTRUCTION MANAGER

**Gilbane Building
Company**

GENERAL CONTRACTOR

Epic Management, Inc.



STATE OF NEW JERSEY

SCHOOLS DEVELOPMENT AUTHORITY

PHILLIPSBURG HIGH SCHOOL



DESCRIPTION

A new 330,000 square foot facility for students in ninth through twelfth grades. The facility includes 50 general classrooms, six special education classrooms, twelve small group instruction rooms, three health classrooms, twelve science related classrooms, three business labs, three computer labs, vocal and instrument music rooms, a media center, an auditorium, a cafeteria and a gymnasium.

PROJECT TYPE

New School

DELIVERY TYPE

Design-Bid-Build

SCHOOL DISTRICT

Phillipsburg

MAXIMUM CAPACITY

2,172

CONSTRUCTION CONTRACT

\$80.5 M

TOTAL STATE INVESTMENT

\$127.5 M

OCCUPANCY

September 2016

ARCHITECT

DIGroup Architecture, LLC

CONSTRUCTION MANAGER

Heery International, Inc.

GENERAL CONTRACTOR

Epic Management, Inc.



STATE OF NEW JERSEY

SCHOOLS DEVELOPMENT AUTHORITY

SCHOOL #16



DESCRIPTION

A new 109,500-square-foot, three-story facility for students in pre-kindergarten through eighth grades. The new school replaces the existing building which was demolished. The school includes 22 general use classrooms, three kindergarten classrooms, four pre-kindergarten classrooms, specialized instruction classrooms and labs, a media center, a cafeteria with stage, a gymnasium, as well as administrative and support facilities.

PROJECT TYPE

New School

DELIVERY TYPE

Design - Build

SCHOOL DISTRICT

Paterson

MAXIMUM CAPACITY

705

CONSTRUCTION CONTRACT

\$33.3 M

TOTAL STATE INVESTMENT

\$62.4 M

OCCUPANCY

September 2016

ARCHITECT

**DIGroup Architecture,
LLC**

CONSTRUCTION MANAGER

**GREYHAWK North
America, LLC**

GENERAL CONTRACTOR

**Hall Construction Co.,
Inc.**



STATE OF NEW JERSEY

SCHOOLS DEVELOPMENT AUTHORITY

Shovels in the Ground

On a sweltering day in September, taking a break from school opening celebrations throughout the State, the SDA broke ground for a new South Street Elementary School in Newark. This is the third new school to be built by the SDA in Newark during the Christie Administration.



The new South Street Elementary School will be an approximately 103,000-square-foot facility designed to accommodate 657 students in grades Pre-kindergarten through eight. The project includes a separate parking area adjacent to the new facility. Once complete, the school will include 29 general classrooms, two science labs, six small group instruction rooms, a computer/technology lab, a world languages classroom, instrumental and vocal music rooms, an art room, a media center, a multipurpose room with stage, a cafeteria and a gymnasium.

Early construction activities also began on several other projects during the reporting period. Among this important early phase work were abatement activities for both the addition/renovation project at the Robeson Community School for the Arts in New Brunswick and for the rehabilitation of West New York Harry L. Bain Elementary School, as well as site clearing activities for the new Lincoln Avenue Middle School in Vineland and site preparation work for the new Trenton Central High School. Formal groundbreaking ceremonies will be scheduled prior to the end of the year to celebrate the start of some of these projects.

Preparing Sites for Schools



Reforms instituted under the Christie Administration included completion of demolition and preliminary site preparation activities prior to advancing the construction of a school project, whenever appropriate. Doing so helps to maximize project predictability by minimizing or eliminating site issues that could impact the schedule and costs associated with the construction of a new building. The SDA has enjoyed significant success with this process, as evidenced by a substantial reduction in unforeseen issues, schedule delays and change orders related specifically to the condition of project sites.

Early site preparation activities were initiated on several projects during the reporting period. In Irvington, the SDA demolished the original Madison Avenue School to make way for the new facility. SDA staff joined Irvington School District officials to witness the building's demolition. During the first days of the demolition, the SDA's contractor uncovered a time capsule that was found in the annex section of the building. The contents, still intact, included various papers including a newspaper published in 1958, the year the annex was built.

At a school site in East Orange, abatement work on the original George Washington Carver Elementary School commenced to ready the building for demolition. In Harrison, work began to prepare the site for a new Pre-K to first grade elementary school.



Open Communication with Impacted Communities

SDA remains committed to engaging with communities that will be impacted throughout the duration of a construction project. The SDA strives to provide information to residents living in the vicinity of a school construction project regarding what they can expect and we remain available to respond to any concerns they may have. Shared information often includes permissible work hours (as governed by local building codes), anticipated project timelines, the type of work that will occur and contact information should any future questions arise.

During this reporting period, SDA staff attended community meetings in East Orange, Harrison, New Brunswick, Vineland and West New York as part of this outreach effort. The SDA considers these meetings as an important opportunity to initiate communication with the community members through an open dialogue forum where they can get answers to their questions and concerns.

Capital Portfolio Project Advancement

The work of the Authority makes a real difference in the lives of thousands of students across the state. Projects being built now will, once completed, serve more than 6,500 students for many years to come. With ten projects in active construction at the end of the reporting period, and many more in various stages of advancement, the work of the SDA is helping to strengthen communities. The ten projects in construction, representing more than \$487 million in total costs, will significantly reduce the overcrowding that exists in these school districts.

Capital Portfolio Overview

Projects in Construction as of September 30, 2016

District	Project Name	Project Type	Anticipated School Opening	Total Estimated Project Cost	FES Student Capacity (DOE)	Max Student Capacity
Bridgeton	Quarter Mile Lane E.S.	Addition/Renovation	September 2017	\$39 M	731	795
Elizabeth	New E.S. at Halloran PS #22	New Construction	September 2017	\$55.3 M	880	978
Garfield	James Madison E.S.	New Construction	September 2018	\$28 M	275	305
Gloucester City	Gloucester City M.S.	New Construction	2017	\$63.9 M	687	763
Jersey City	Patricia M. Noonan E.S.	New Construction	April 2017	\$54 M	778	848
New Brunswick	Paul Robeson Community School for the Arts	Addition/Renovation	September 2018	\$56.4 M	823	893
Newark	South Street ES	New Construction	September 2018	\$68.7 M	597	657
Passaic City	New E.S. at Leonard Place	New Construction	September 2018	\$55.9 M	628	698
Vineland	Lincoln Avenue Middle School	New Construction	September 2018	\$49.4 M	562	624
West New York	Harry L. Bain E.S.	Renovation	September 2017	\$16.9 M	715	791
10 Projects				\$487.5 M	6,676	7,352

Since the start of the Christie Administration, 40 projects were approved as part of the SDA Capital Portfolio. At the end of the reporting period:

- 13 projects were complete;
- 10 projects were in active building construction;
- 2 projects initiated the design phase of the design-build procurement;
- 3 projects are in design-build procurement;
- 8 projects are in design development (SDA Design Studio/Bridging architect);
- 2 projects are in pre-design (Design consultant); and
- 2 projects are in planning and scope development.

Noteworthy advancements on projects during the reporting period include:

Design-Build Projects Notices to Proceed (NTP) Issued

- The new **Trenton Central High School** (Mercer County) will be a 350,000 square-foot school designed to educate 1,850 students in grades 10 through 12. The anticipated school opening is September 2019. The NTP for design was issued in April.
- The new **Seaman Avenue Elementary School** in Perth Amboy (Middlesex County) will be a 120,000 square-foot school designed to educate approximately 700 students in grades

kindergarten to fifth. The anticipated school opening is September 2019. The NTP for design was issued in August.

Construction Notice to Proceed Issued

- The new **James Madison Elementary School** in Garfield (Bergen County) will be a 53,000 square-foot, three-story school designed to educate approximately 275 students in grades kindergarten through 5. The anticipated opening is September 2018. The NTP was issued in May.

Early Site Preparation Notices to Proceed Issued

- A NTP was issued in August for early site preparation activities associated with the new **George Washington Carver Elementary School** in East Orange (Essex County).

Projects that Initiated Early Site Work, Construction or Design-Build Procurement

- A Design-Build procurement for the **Millville Senior High School** (Cumberland County).
- A Design-Build procurement for the new **Madison Avenue Elementary School** in Irvington (Essex County).
- A Design-Build procurement for the new **Elementary School** in Harrison (Hudson County).

For a full listing of all Capital Portfolio projects and their current status, please see Appendix B.

An Aging Educational Infrastructure in New Jersey

The SDA's Emergent Project Program helps to address many of the facility concerns that arise as a result of many SDA District's aging educational infrastructure. Since the start of the Christie Administration, 145 emergent projects have been completed in 27 SDA Districts.

Currently, the SDA is managing six emergent projects with two in construction and four more in the design phase. During the reporting period, the substantial completion of several large projects was achieved. This includes a large roofing/HVAC project in Irvington and the replacement of an aging HVAC system in Vineland.

Local school districts also continued working on another 24 projects that previously were delegated to the Districts for management. This includes 14 projects in construction and 10 in design at schools in six SDA Districts.

The SDA recognizes the need to identify and address additional emergent conditions that exist throughout the SDA Districts. Therefore, the SDA and the New Jersey Department of Education recently initiated efforts to identify potential emergent conditions to be addressed with the remaining funds allocated for the Emergent Program. The primary focus of this effort is to address water infiltration issues

specifically as these conditions can be severely damaging to buildings, often causing a “domino” effect of facility issues throughout a school.

For a status report on the SDA’s Emergent Projects, please see Appendix C.

Grants

SDAs Regular Operating District (ROD) Grant program funds at least 40 percent of eligible costs for approved projects in New Jersey’s ROD districts, addressing health and safety issues, and other critical needs. The Christie Administration’s commitment to support critical school improvement projects in New Jersey through this program is another important step to addressing the State’s aging education infrastructure.

With an active ROD Grant portfolio of more than \$530 million in state share, the SDA’s ROD Grant program continues to have a positive impact on school districts across the State. From April 1, 2016 to September 30, 2016, the SDA executed 107 grants to 32 school districts for school improvement projects. This \$30.8 million state investment leverages a local contribution of \$36.9 million.

From the start of the Christie Administration in January 2010 through the end of the reporting period on September 30, 2016 the SDA has executed a total of 2,129 grants in school districts statewide.

SDA ROD Grants executed during this reporting period include projects such as:

- Elsinboro Township School District - Elsinboro Elementary School (Salem County): Exterior door replacement, HVAC, boiler, security upgrades. State share: \$490,343; Estimated total project costs: \$1,225,858.
- Piscataway Township School District – Piscataway Township High School (Middlesex County): Bathroom ADA renovations. State share \$662,200; Estimated total project costs: \$1,655,500.
- Roselle Borough School District - Abraham Clark High School (Union County): New HVAC, associated piping and electrical upgrades. State share: \$1,805,881; Estimated total project costs: \$3,041,351.
- Roxbury Township School District – Roxbury High School - (Morris County): Roof replacement at two-story section. State share: \$776,000; Estimated total project costs: \$1,940,000.
- Sterling High School District - Sterling High School (Camden County): Site Work, Exterior Closure, Electrical, Plumbing, HVAC, Communications. State share: \$3,568,548; Estimated total project costs: \$5,771,875

For a complete listing of grant projects executed during the reporting period, please see Appendix D.

ASSISTING BUSINESSES

SDA's In-House SMWBE Training Program Evolves

In May 2016, the SDA's sixth installment of the annual Small Minority and Women-owned Business Enterprise (SMWBE) Contractor Training Program culminated with a graduation/networking event, which recognized the 25 participant firms who successfully completed the program.

This year several changes to format and content were implemented enabling the program to benefit newer start-up companies. The revised program, which offered six weeks of instructional classes followed by a graduation/networking event, commenced in March 2016 with classes held at locations in both Trenton and Newark. This year, the program provided participants with information on business plan development, Prevailing Wage, and navigating SDA and State websites.

In addition, following the conclusion of the formal training program, several advanced courses were offered to recent and past program graduates. This included a seminar this summer focused on Prevailing Wage requirements which offered participants insight from a representative of the Department of Labor. In the fall, a finance forum was held to assist companies in finding the funding they need to grow.

The SDA's SMWBE Contractor Training Program continues to be a valued resource to New Jersey's small businesses interested in growing their companies and potentially working with the State. SDA plans to continue the full training program in 2017 and host additional seminars as needed.



SDA Benefits SBE's

In December 2010, the Governor signed legislation directing the SDA to biannually compile information on the number of school construction contracts entered into by the Authority with minority and women contractors. This information must include the total value of these contracts and the percentage that they represent of all school facilities project construction contracts entered into by the Authority during the reporting period.

The SDA's SBE program goal seeks to ensure that at least 25% of the total dollar value of all publicly advertised contracts awarded by the SDA during a fiscal year goes to Small Business Enterprises (SBE). The SDA requires consultants and prime contractors to make good-faith efforts to identify and

hire available SBE sub-consultants and SBE subcontractors and to award at least 25% of the total contract value to them. The SDA consistently meets or exceeds this goal as represented in the 49.88% achieved this reporting period.

SDA Contract Awards to Small Business Enterprises (April 1, 2016 – September 30, 2016)	
Total SDA Construction Contracts	\$34,113,058
Total SBE Contracts (inclusive of MBE, SMWBE contracts)	\$17,016,137
Percentage of SDA Contracts Awarded to SBEs	49.88 %

The total SDA Construction Contracts figure listed in the chart above does not include the total value of Design-Build contracts awarded during the reporting period of \$43,570,000 for the new Seaman Avenue Elementary School in Perth Amboy and \$115,950,000 for the new Trenton Central High School. Since these projects were still in their design phase during the reporting period, and SBE contracts are not captured until the construction phase begins, the full value of these projects will be included in future construction contract totals.

During the reporting period, SBE/minority-owned businesses were awarded \$3,829,668 or 11.23% of total construction contracts awarded by the Authority. Also, SBE/women-owned businesses were awarded \$24,250 or 0.72% of SDA total construction contracts awarded.

Bidding SDA Projects – An Online Seminar

The SDA's robust construction portfolio presents many opportunities for construction-related firms to seek work with the State's school construction program. However, in order to compete, firms must ensure that they submit responsive bids.

This summer, the SDA launched an SDA Online Seminar - "Responsive Bidding: The Do's and Don'ts of Bidding SDA Design-Build Projects. This 20-minute presentation is narrated by Jane Kelly, SDA Vice President of Corporate Governance and Operations and Andrew Yosha, Executive Vice President of Program Operations and Strategic Planning. It provides firms with tips for avoiding making the common mistakes and/or omissions that often lead to a bid package being deemed unresponsive. This new section of the SDA's website also provides helpful checklists that can be printed for use when preparing a bid package.



FINANCIAL OVERVIEW

In total, the New Jersey State Legislature has authorized \$12.5 billion in funding for SDA projects (\$8.9 billion for SDA Districts, \$3.45 billion for RODs and \$150 million for vocational schools). Since the program's inception, the amount of bonds issued to fund the program is \$10.1 billion, including \$2.16 billion since 2010. There were no new bonds issued during the reporting period.

As of September 30, 2016, SDA had approximately \$315.0 million in cash on hand, having disbursed \$209.7 million during the reporting period (April 1, 2016 – September 30, 2016). The 2015 financial statements, audited by Ernst & Young LLP, were approved by the SDA Board in June 2015 and can be found on the SDA's website at:

https://www.njsda.gov/njsda/RP/reports/SDA_Financial_Statement_15.pdf.

The SDA strives to safeguard the resources that have been afforded to the program. Toward that goal, SDA pursued several cost recovery cases and anticipates reaching settlement for these cases in upcoming reporting periods.

In addition, between April 1, 2016 and September 30, 2016, the SDA resolved \$555,041 in contract claims for a total settlement amount of \$116,369. These settlements equal roughly 21% of the original amounts claimed and represent a cost avoidance to the SDA of \$438,672.

APPENDIX

Appendix A - Number of Minority/Female Work-Hours by Trade

Appendix B - Status of Capital Portfolio Projects

Appendix C - Status of Emergent Project Program

Appendix D – ROD Grant Projects Executed During Reporting Period

Appendix E - School Facilities Projects Approved by DOE

Appendix F - Cost of Construction Per Square Foot Comparison to MSA

Appendix A - Number of Minority/Female Work-Hours by Trade

Construction Contracts: Number of Minority/Female Work-Hours by Trade (April 1, 2016 - September 30, 2016)					
Trade	Total Work Hours	Minority Work Hours	Minority Work Hours %	Female Work Hours	Female Work Hours %
AC & Refrigeration Service & Repair	5	0	0.00%	0	0.00%
Asbestos Worker	9,928	9,112	91.78%	360	3.63%
Bricklayer or Mason	29,079	7,063	24.29%	309	1.06%
Carpenter	71,114	6,672	9.38%	312	0.44%
Caulker	467	467	100.00%	0	0.00%
Dockbuilder	2,524	528	20.92%	0	0.00%
Dry Wall Finisher	600	0	0.00%	0	0.00%
Electrician	83,265	8,380	10.06%	2,102	2.52%
Elevator Constructor	1,144	128	11.19%	0	0.00%
Elevator Erector	577	0	0.00%	0	0.00%
Excavation	55	42	76.36%	0	0.00%
Fireproofers	3,540	307	8.67%	0	0.00%
Glazier	9,011	702	7.79%	40	0.44%
HVAC Mechanic	7,835	425	5.42%	261	3.33%
Insulator	5,361	388	7.24%	0	0.00%
Ironworker	13,481	3,171	23.52%	72	0.53%
Laborer	75,418	27,366	36.29%	540	0.72%
Millwright	22	0	0.00%	0	0.00%
Operating Engineer	15,322	1,757	11.47%	301	1.96%
Other3	6,187	700	11.31%	0	0.00%
Other7	1,933	782	40.46%	40	2.07%
Other8	36	12	33.33%	0	0.00%
Painter	10,310	986	9.56%	0	0.00%
Pipe Fitter	2,871	448	15.60%	0	0.00%
Plumber	29,999	4,963	16.54%	250	0.83%
Roofer	10,513	3,028	28.80%	0	0.00%
Sheet Metal Worker	18,617	1,749	9.39%	136	0.73%
Sprinkler Fitter	2,515	32	1.27%	0	0.00%
Taper	315	136	43.17%	0	0.00%
Tiler	2,445	435	17.79%	289	11.82%
Truck Driver	52	0	0.00%	0	0.00%
Waterproofers	296	160	54.05%	0	0.00%
GRAND TOTAL:	414,837	79,939	19.27%	5,012	1.21%

Appendix B - Status of Capital Portfolio Projects

 STATE OF NEW JERSEY SCHOOLS DEVELOPMENT AUTHORITY		
Portfolio of Capital Projects (as of September 30, 2016)		

SDA Capital Portfolio		
School District	School Name	Status
Bridgeton	Buckshutem Road Elementary School	Completed. School opened to students in September 2016
Elizabeth	Elizabeth High School - Frank J. Cicarell Academy	Completed. School opened to students in September 2016
Jersey City	Dr. Maya Angelou Elementary School #20	Completed. School opened to students in September 2016
Keansburg	Joseph C. Caruso Elementary School	Completed. School opened to students in September 2016
Long Branch	George A. Catrambone Elementary School	Completed. School opened to students in September 2014
New Brunswick	A. Chester Redshaw Elementary School	Completed. School opened to students in January 2015
Newark	Oliver Street Elementary School	Completed. School opened to students in June 2016
Newark	Elliott Street Elementary School	Completed. School opened to students in February 2016
Passaic City	Passaic Gifted and Talented Academy (New ES @ Henry Street)	Completed. School opened to students in September 2015
Paterson	Dr. Hani Awadallah Elementary School	Completed. School opened to students in September 2016
Paterson	School 16 Elementary School	Completed. School opened to students in September 2016
Phillipsburg	Phillipsburg High School	Completed. School opened to students in September 2016
West New York	Memorial High School	Alternative Delivery Method complete. St. Joseph's H.S. purchased and transferred to district. Science lab renovations delegated to district
13		
Bridgeton	Quarter Mile Lane Elementary School	Construction
Elizabeth	New ES @ Halloran PS #22 ES site	Construction
Gloucester City	Gloucester City Middle School	Construction
Jersey City	Patricia M. Noonan Elementary School	Construction
Garfield	James Madison Elementary School	Construction
New Brunswick	Paul Robeson Community School for the Arts	Construction
Newark	South Street Elementary School	Construction
Passaic City	New Elementary School at Leonard Place	Construction
Vineland	Lincoln Avenue Middle School	Construction
West New York	Harry L. Bain Elementary School	Construction
10		
Perth Amboy	Seaman Avenue Elementary School	Design-Build contract awarded, Design-Build activities ongoing
Trenton	Trenton Central High School	Design-Build contract awarded, Design-Build activities ongoing
2		
Harrison	New Elementary School	Design-Build Procurement in progress
Irvington	Madison Avenue Elementary School	Design-Build Procurement in progress. Early site work ongoing
Milville	Senior High School Addition/Renovation	Design-Build Procurement in progress
3		
Camden	Camden High School	In Design Development (SDA Design Studio)
East Orange	George Washington Carver Elementary School	In Design Development (SDA Design Studio). Early site work ongoing
Orange	Cleveland Street Elementary School	In Design Development
Passaic City	Dayton Avenue Elementary School Campus	In Design Development (SDA Design Studio). Advancement of activity on the project is phased to coordinate with progress and completion of the Leonard Place School project.
Paterson	New MS @ Union Avenue	In Design Development (SDA Design Studio)
Pemberton	Alexander Denbo Elementary School	In Design Development (SDA Design Studio)
Perth Amboy	Perth Amboy High School	In Design Development (SDA Design Studio)
Plainfield	New Woodland Elementary School	In Design Development (SDA Design Studio)
8		
Keansburg	Port Monmouth Road School	Pre-design services ongoing
Orange	Orange High School	Pre-design services ongoing
2		
Hoboken	Thomas G. Connors Elementary School	Scope development with DOE and District
Union City	Elementary School Grade Level	Scope development with DOE and District
2		

Appendix C - Status of Emergent Project Program

Emergent Project Program Status as of September 30, 2016

SDA Managed Emergent Projects

Construction

District	School Name	Project Scope
Trenton	Hedgepath Williams Elementary School	Domestic Water/Roofing
Paterson	Paterson International High School	Smoke Control

Design

District	School Name	Project Scope
Camden	Cramer Elementary School	Structural
Newark	Chancellor Avenue School	Structural
Newark	New Science Park	Smoke Evacuation Modifications and other repairs
Paterson	Roberto Clemente	HVAC

Completed

District	School Name	Project Scope
Bridgeton	Broad Street	Building Envelope
Camden	Broadway Elementary School	Exterior Masonry
Camden	Camden High School	Cooling Tower
Camden	East Camden Middle School	HVAC
Camden	Lanning Square at Feters Elementary School	Exterior Masonry
Camden	Molina Elementary School	HVAC & Roofing
Camden	Pyne Poynt Middle School	Structural
Camden	Sharpe Elementary School	Building Envelope
Camden	Sharpe Elementary School	Roofing
Camden	Washington Elementary School	Structural Repairs
East Orange	Cochran Academy	Roof & Ceiling
East Orange	Ecole Toussaint Louverture	Water Infiltration Repairs
East Orange	Hart Middle School	Building Envelope
East Orange	Houston Elementary School	Roof & Ceiling
East Orange	Jackson Academy	Roofing
East Orange	Tyson Community Middle/High School	Roof & Ceiling
East Orange	Louverture	Auditorium Repairs and Water Infiltration Repairs
East Orange	Warwick Elementary School	Roof, Ceiling & Curtain Wall Repairs
Harrison	Washington Middle School	Structural
Irvington	Chancellor Avenue Elementary School	Building Envelope
Irvington	Irvington High School	HVAC, Roof and Masonry
Irvington	Madison Avenue Elementary School	Building Envelope
Irvington	University Middle School	Building Envelope
Irvington	University Middle School	Building Envelope
Irvington	Union Avenue Middle School	Building Envelope
Irvington	Union Avenue Middle School	Boiler Replacement
Newark	Alma-Flagg Elementary School	HVAC
Newark	Avon Elementary School	Roofing
Newark	Barringer High School	Plumbing
Newark	Bragaw School	Exterior Masonry
Newark	East Side High School	Cornice Work, Roofing & Water Infiltration
Newark	Hawkins Elementary School	HVAC
Newark	Horton School	Roofing
Newark	Ridge Elementary School	HVAC
Newark	Roberto Clemente School	Exterior Masonry
Newark	Shabazz High School	Roofing, Water Infiltration & Exterior Masonry
Newark	South Street Elementary School	Exterior Masonry & Roofing
Newark	Sussex Elementary School	HVAC
Newark	W. Brown School	Roofing
Newark	Weequahic High School	Exterior Masonry & Roofing
Newark	West Side High School	Electrical
Newark	Wilson Avenue Elementary School	Building Envelope
Orange	Orange Preparatory Academy	Roofing
Passaic City	School 1, Thomas Jefferson School	Roofing
Passaic City	School 6, Dr. Martin Luther King, Jr. School	Roofing
Passaic City	School 11, Memorial Elementary School	Building Envelope
Passaic City	School 11, Memorial Elementary School	Roofing
Passaic City	School 12, Passaic High School	Building Envelope
Paterson	14th Avenue Early Learning Center	Building Envelope
Paterson	Public School 3	Windows
Paterson	Public School 4	Unit Ventilators
Paterson	Public School 6	Window Replacement
Paterson	Public School 10	Boiler Piping
Paterson	Public School 16	Windows
Paterson	Sage Adult School & Alternative Middle/High School	Roofing
Salem City	Salem High School	Building Envelope
Salem City	Salem Middle School	Building Envelope
Trenton	Trenton Central High School West	HVAC
Trenton	Trenton Central High School	Roofing
Trenton	Trenton Central High School	Exterior Masonry
Vineland	Vineland High School South	HVAC
West New York	PS #1	Structural
West New York	PS #5	Structural

Appendix D – ROD Grant Projects Executed During Reporting Period (April 1, 2016 – September 30, 2016)

District Name	County Name	School Name	Total Project Cost Estimate	State Share	Local Share	Execution Date
Bergenfield	Bergen	Franklin E.S.	\$1,556,172	\$622,469	\$933,703	09/02/16
Bloomingtondale	Passaic	Walter T. Bergen M.S.	\$607,833	\$243,133	\$364,700	09/08/16
Bloomingtondale	Passaic	Martha B. Day E.S.	\$594,550	\$237,820	\$356,730	09/08/16
Bloomingtondale	Passaic	Martha B. Day E.S.	\$76,077	\$30,431	\$45,646	09/08/16
Bloomingtondale	Passaic	Martha B. Day E.S.	\$41,492	\$16,597	\$24,895	09/08/16
Bloomingtondale	Passaic	Walter T. Bergen M.S.	\$11,676	\$4,670	\$7,006	09/08/16
Bloomingtondale	Passaic	Martha B. Day E.S.	\$10,322	\$4,129	\$6,193	09/08/16
Brooklawn	Camden	Alice Costello E.S.	\$201,500	\$137,860	\$63,640	04/01/16
District	Camden	Camden Co.Technical V.S.	\$1,846,772	\$1,012,770	\$834,002	05/11/16
District	Camden	Camden Co.Technical V.S.	\$1,060,757	\$581,719	\$479,038	05/11/16
District	Camden	Camden Co.Technical V.S.	\$927,234	\$508,495	\$418,739	05/11/16
District	Camden	Camden Co.Technical V.S.	\$898,518	\$492,747	\$405,771	05/11/16
District	Camden	Camden Co.Technical V.S.	\$873,295	\$478,915	\$394,380	05/11/16
District	Camden	Camden Co.Technical V.S.	\$734,567	\$402,837	\$331,730	05/11/16
District	Camden	Camden Co.Technical V.S.	\$635,100	\$348,289	\$286,811	05/11/16
District	Camden	Camden Co.Technical V.S.	\$411,789	\$225,825	\$185,964	05/11/16
Cherry Hill Township	Camden	Cherry Hill High-East H.S.	\$3,687,063	\$1,474,825	\$2,212,238	06/23/16
Cherry Hill Township	Camden	Cherry Hill High-East H.S.	\$278,150	\$111,260	\$166,890	06/23/16
Cherry Hill Township	Camden	Kingston E.S.	\$167,008	\$66,803	\$100,205	06/23/16
Clark Township	Union	Valley Road E.S.	\$593,980	\$237,592	\$356,388	06/02/16
Delaware Valley Regional High	Hunterdon	Delaware Valley Regional H.S.	\$1,638,208	\$655,283	\$982,925	08/18/16
Denville	Morris	Riverview Elementary School	\$77,900	\$31,160	\$46,740	06/09/16
Elsinboro Township	Salem	Elsinboro E.S.	\$1,225,858	\$490,343	\$735,515	09/01/16
Fort Lee	Bergen	Number 3 E.S.	\$495,000	\$198,000	\$297,000	07/28/16
Harding Township	Morris	Harding Township E.S.	\$271,763	\$108,705	\$163,058	09/08/16
Hardyston Township	Sussex	Hardyston Twp MS	\$350,550	\$140,220	\$210,330	07/14/16
Hawthorne	Passaic	Lincoln M.S.	\$370,925	\$148,370	\$222,555	08/18/16
Lincoln Park Borough	Morris	Lincoln Park M.S.	\$1,634,250	\$653,700	\$980,550	04/21/16
Lincoln Park Borough	Morris	Lincoln Park E.S.	\$1,041,250	\$416,500	\$624,750	04/21/16
Little Egg Harbor Township	Ocean	Frog Pond School	\$1,250,000	\$500,000	\$750,000	06/09/16
Little Falls Township	Passaic	Number 1 E.S.	\$750,000	\$300,000	\$450,000	06/09/16
Little Falls Township	Passaic	School #3	\$700,000	\$280,000	\$420,000	06/09/16
Little Falls Township	Passaic	Number 2 E.S.	\$643,775	\$257,510	\$386,265	06/09/16
Little Falls Township	Passaic	Number 2 E.S.	\$518,745	\$207,498	\$311,247	06/09/16
Little Falls Township	Passaic	Number 1 E.S.	\$437,500	\$175,000	\$262,500	06/09/16
Little Falls Township	Passaic	Number 1 E.S.	\$381,265	\$152,506	\$228,759	06/09/16
Madison	Morris	Central Avenue E.S.	\$869,800	\$347,920	\$521,880	07/28/16
Madison	Morris	Kings Road E.S.	\$682,200	\$272,880	\$409,320	07/28/16
Manasquan	Monmouth	Manasquan E.S.	\$154,537	\$61,815	\$92,722	07/14/16
Manasquan	Monmouth	Manasquan H.S.	\$66,320	\$26,528	\$39,792	07/14/16
Middlesex County Vocational School District	Middlesex	MCVT Piscataway School of Career Dev	\$1,110,000	\$450,549	\$659,451	04/07/16
Milltown	Middlesex	Joyce Kilmer E.S.	\$323,400	\$129,360	\$194,040	04/22/16
Milltown	Middlesex	Parkview E.S.	\$133,400	\$53,360	\$80,040	04/22/16
Milltown	Middlesex	Joyce Kilmer E.S.	\$119,080	\$47,632	\$71,448	04/22/16
Montclair	Essex	Montclair High School/George Inness H.S. Annex	\$318,617	\$127,447	\$191,170	06/16/16
Montclair	Essex	Edgemont E.S.	\$301,573	\$120,629	\$180,944	06/16/16
Montclair	Essex	Bradford E.S.	\$297,942	\$119,177	\$178,765	06/16/16
Montclair	Essex	Glenfield M.S.	\$291,072	\$116,429	\$174,643	06/16/16
Montclair	Essex	Northeast E.S.	\$260,571	\$104,228	\$156,343	06/16/16
Montclair	Essex	Watchung E.S.	\$203,299	\$81,320	\$121,979	06/16/16
Montclair	Essex	Mt. Hebron M.S.	\$130,175	\$52,070	\$78,105	06/16/16
Montclair	Essex	Montclair High School/George Inness H.S. Annex	\$121,094	\$48,438	\$72,656	06/16/16
Montclair	Essex	Renaissance M.S.	\$111,871	\$44,748	\$67,123	06/16/16
Montclair	Essex	Mt. Hebron M.S.	\$96,575	\$38,630	\$57,945	06/16/16
Montclair	Essex	Nishuane E.S.	\$85,109	\$34,044	\$51,065	06/16/16
Montclair	Essex	Hillside E.S.	\$66,583	\$26,633	\$39,950	06/16/16
Montclair	Essex	Charles H. Bullock E.S.	\$49,938	\$19,975	\$29,963	06/16/16
Newton	Sussex	Newton H.S.	\$92,000	\$42,014	\$49,986	06/02/16
Newton	Sussex	Memiam Avenue E.S.	\$57,400	\$26,213	\$31,187	06/02/16
Newton	Sussex	Halsted Street M.S.	\$38,800	\$17,719	\$21,081	06/02/16
Northern Valley Regional	Bergen	H.S.	\$1,043,731	\$417,492	\$626,239	07/14/16

Palisades Park	Bergen	Lindbergh E.S.	\$389,770	\$155,908	\$233,862	09/15/16
Piscataway Township	Middlesex	Piscataway Township H.S.	\$1,655,500	\$662,200	\$993,300	07/28/16
Piscataway Township	Middlesex	Piscataway Township H.S.	\$1,542,000	\$616,800	\$925,200	04/14/16
Piscataway Township	Middlesex	Theodore Schor M.S.	\$901,280	\$360,512	\$540,768	04/14/16
Piscataway Township	Middlesex	Piscataway Township H.S.	\$772,620	\$309,048	\$463,572	04/14/16
Piscataway Township	Middlesex	Fellowship Farms	\$725,140	\$290,056	\$435,084	04/14/16
Piscataway Township	Middlesex	Dwight D. Eisenhower E.S.	\$290,550	\$116,220	\$174,330	04/14/16
Piscataway Township	Middlesex	Martin Luther King E.S.	\$282,550	\$113,020	\$169,530	04/14/16
Piscataway Township	Middlesex	Conackamack M.S.	\$272,700	\$109,080	\$163,620	04/14/16
Piscataway Township	Middlesex	Grandview E.S.	\$194,900	\$77,960	\$116,940	04/14/16
Piscataway Township	Middlesex	Knollwood E.S.	\$185,150	\$74,060	\$111,090	04/14/16
Piscataway Township	Middlesex	Randolphville E.S.	\$174,250	\$69,700	\$104,550	04/14/16
Piscataway Township	Middlesex	Piscataway Township H.S.	\$167,800	\$67,120	\$100,680	04/14/16
Piscataway Township	Middlesex	Arbor E.S.	\$97,150	\$38,860	\$58,290	04/14/16
Roselle Borough	Union	Abraham Clark H.S.	\$3,041,351	\$1,805,881	\$1,235,470	09/08/16
Roselle Borough	Union	Wilday M.S.	\$2,560,165	\$1,520,165	\$1,040,000	09/08/16
Roselle Borough	Union	Washington E.S.	\$489,653	\$290,744	\$198,909	09/08/16
Roselle Borough	Union	Wilday M.S.	\$178,980	\$109,646	\$69,334	09/29/16
Roselle Borough	Union	Abraham Clark H.S.	\$154,000	\$94,343	\$59,657	09/29/16
Roselle Borough	Union	Washington E.S.	\$142,300	\$87,175	\$55,125	09/29/16
Roselle Borough	Union	Dr. Charles C. Polk	\$83,895	\$49,815	\$34,080	09/08/16
Roxbury Township	Morris	Roxbury H.S.	\$1,940,000	\$776,000	\$1,164,000	07/28/16
Roxbury Township	Morris	Roxbury H.S.	\$1,820,000	\$728,000	\$1,092,000	07/28/16
Roxbury Township	Morris	Eisenhower M.S.	\$934,500	\$373,800	\$560,700	07/28/16
Roxbury Township	Morris	Franklin E.S.	\$695,000	\$278,000	\$417,000	07/28/16
South Orange-Maplewood	Essex	Tuscan E.S.	\$1,565,162	\$626,065	\$939,097	09/01/16
Spotswood	Middlesex	Spotswood H.S.	\$1,821,379	\$728,552	\$1,092,827	09/08/16
Spotswood	Middlesex	Spotswood Memorial	\$571,700	\$228,680	\$343,020	09/08/16
Spotswood	Middlesex	Spotswood H.S.	\$198,600	\$79,440	\$119,160	09/08/16
Spotswood	Middlesex	Spotswood H.S.	\$146,759	\$58,704	\$88,055	09/08/16
Spotswood	Middlesex	E. Raymond Appleby E.S.	\$23,317	\$9,327	\$13,990	09/08/16
Spotswood	Middlesex	Spotswood Memorial	\$21,689	\$8,676	\$13,013	09/08/16
Spotswood	Middlesex	G. Austin Schoenly E.S.	\$16,739	\$6,696	\$10,043	09/08/16
Sterling High School District	Camden	Sterling H.S.	\$5,771,875	\$3,568,548	\$2,203,327	06/23/16
Tinton Falls	Monmouth	Mahala F. Atchinson E.S.	\$200,000	\$80,000	\$120,000	07/14/16
Tinton Falls	Monmouth	Tinton Falls M.S.	\$200,000	\$80,000	\$120,000	07/14/16
Tinton Falls	Monmouth	Swimming River E.S.	\$190,000	\$76,000	\$114,000	07/14/16
Warren County Vocational School	Warren	Warren Co. Voc-Tech Institute	\$2,210,000	\$884,000	\$1,326,000	06/02/16
Warren County Vocational School	Warren	Warren Co. Voc-Tech Institute	\$480,000	\$192,000	\$288,000	06/02/16
Warren County Vocational School	Warren	Warren Co. Voc-Tech Institute	\$155,000	\$62,000	\$93,000	06/02/16
Westfield	Union	Franklin E.S.	\$62,250	\$24,900	\$37,350	08/18/16
Westfield	Union	Washington E.S.	\$62,000	\$24,800	\$37,200	08/18/16
Westfield	Union	McKinley E.S.	\$62,000	\$24,800	\$37,200	08/18/16
Westfield	Union	Tamaques E.S.	\$62,000	\$24,800	\$37,200	08/18/16
Westfield	Union	Wilson E.S.	\$62,000	\$24,800	\$37,200	08/18/16
Westfield	Union	Lincoln Early Childhood Center	\$62,000	\$24,800	\$37,200	08/18/16
TOTAL			\$67,661,605	\$30,792,932	\$36,868,673	

Appendix E - School Facilities Projects Approved by DOE

From April 1, 2016 through September 30, 2016, the New Jersey Department of Education approved fourteen school facilities projects which were then undertaken and funded by the SDA. None of these projects exceeded the Facilities Efficiencies Standards (FES).

School Facilities Projects Approved by DOE				
April 1, 2016 – September 30, 2016				
	Total School Facilities Projects Approved	Required Educational Adequacy/ FES Review	Projects Requiring Educational Adequacy/RES Review & Exceeding the FES*	% of Projects Requiring Educational Adequacy/FES Review and Exceeding the FES
All Districts	83	21	5	24%
SDA Districts	14	7	0	0%
RODs	69	14	5	36%

* The projects which exceeded the FES were due to building non-instructional spaces or lacked the unhoused students to allow for funding of additions to their existing schools.

Note: The information included in the table above was provided by the New Jersey Department of Education, Office of School Facilities.

Appendix F - Cost of Construction Per Square Foot Comparison to MSA

Metropolitan Statistical Area (MSA) Totals				
Cost Per Square Foot Comparison at Bid Statistical Brief				
Source	Area	Elementary School	Middle School	High School
McGraw-Hill Metropolitan Statistical Area (MSA) (April 2016 – September 2016)	Philadelphia	-	\$251	\$343
	New York	\$349	\$524	\$408
School Planning & Management by Region 2 State Average ¹ (January - December 2014)	NY, NJ, PA Average	\$235	\$251	\$333
New York City School Construction Authority[^] (July 2014 - June 2015)	New York City	\$631	-	\$498
SDA Managed Projects* (2nd QTR 2016 and 3rd QTR 2016 Actual)	Statewide	\$270	-	-
<i>The table represents a statistical cross-section of data from numerous sources with report dates ranging from January 2014 to September 2016. Costs are at time of bid.</i> <i>1 - Current reporting is for Region 2 (for NJ, NY and PA only) as reported by School Planning & Management.</i> <i>^Numbers reflect the New York City Mayor's Management Report Dated February 2016 for Fiscal Year 2015 Construction bid price for school capacity projects per square foot.</i> <i>*Cost at Bid for 1 SDA District Project (Perth Amboy - New Seaman Avenue ES). Construction costs do not include costs for site construction. (For projects advanced via Design-Build Engagements, design fees included in the bid amount have been deducted to calculate the Construction Costs Per Square Foot).</i>				

The table above provides a comparison of cost per square-foot for new school construction (public schools) in both the Philadelphia and New York City Metropolitan Statistical Comparison (MSAs). This addresses the August 2007 statutory requirement that costs of school facilities projects undertaken and funded by the SDA be compared to similar school facilities projects constructed in the New York City and Philadelphia MSAs.

The U.S. Office of Management and Budget is responsible for developing standards for defining MSAs and for applying these standards with Census data.

The table above also includes information from the School Planning and Management School Construction Report, a recognized national-construction data source, as well as information from the New York City Department of Education School Construction Authority. The use of multiple sources to monitor and analyze construction costs provides assurance that industry-wide pricing trends are addressed.