

Section 5

Facilities

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RENOVATIONS BY THE NUMBERS

Included below is a snapshot of key highlights for the **Primary Renovation** projects covered within this report.

PRIMARY RENOVATIONS



14

SCHOOLS
COMPLETE



72

SCHOOLS IN
CONSTRUCTION



79

SCHOOLS
COMPLETED DESIGN

BOARD APPROVALS



41

BOARD APPROVALS THIS QUARTER

These milestones include but are not limited to Professional Services Agreement (PSA) amendments, change orders, design PSA's, and bid recommendations.

SCHOOL CHOICE ENHANCEMENT



36

SCHOOLS COMPLETED THIS QUARTER

of schools with finished SCEP initiatives since last quarter's update, requiring all funding spent on their chosen enhancements

PROGRAM HIGHLIGHTS

SUCCESSSES AND SETBACKS

We continue to monitor progress to identify lessons learned, successes and setbacks, so we can continue to improve the Program.

WHAT WENT WELL:

FOCUS ON PRODUCTIVITY

- ▶ **72 projects in Active Construction**
- ▶ **79 schools completed Design phase**
- ▶ **5 additional schools achieved Substantial or Final Completion**

- Charles W. Flanagan High School
- Coconut Creek Elementary School
- Cypress Elementary School
- Discovery Elementary School
- Dr. Martin Luther King, Jr. Montessori Academy

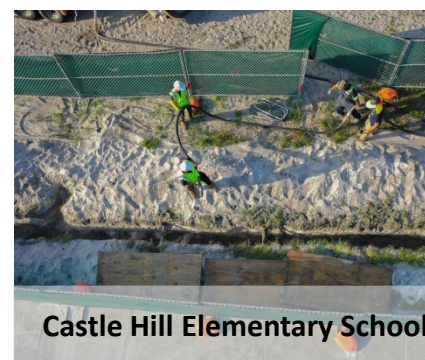
- ▶ **4 additional schools nearing completion**

The scope of work is complete; however, these schools have project specific criteria they need to meet before entering Construction Closeout:

- Annabel C. Perry Pre K-8
- Bayview Elementary School
- Silver Lakes Elementary School
- Eagle Ridge Elementary School

RIBBON CUTTINGS

- ▶ Ribbon cutting ceremony held to celebrate the new culinary lab at **Western High School**
- ▶ **Charles W. Flanagan High School** commemorated new 20-classroom building (completed by the time students returned from winter break) with ribbon cutting ceremony



PROGRAM HIGHLIGHTS

WHAT WENT WELL (contd.):

ROOFING

- ▶ The Roofing Committee continues to perform "Reality Checks" to optimize scope and budget before they go to bid
- ▶ **60** Reality Checks completed thus far
 - **80** additional roofs are soon to be reviewed
- ▶ Contractors, designers, and roofers provided useful feedback regarding successful and unsuccessful processes

WHAT DIDN'T GO WELL:

202 TOTAL SCHEDULE FLAGS FOR PRIMARY RENOVATIONS

- ▶ Many of the flags fit into one of the following categories:
 - **Designer Selection** – Eight remaining Year-5 projects were delayed pending a determination on the appropriate delivery method for a design team selection.
 - **Design Delays** – Delays attributed to the designer's failure to meet contractual obligations with submittals, multiple reviews and resubmittals for permitting.
 - **Roofing Assessments** – Delays resulting from the project undergoing a "Reality Check" where it is evaluated for scope clarity before advertising for bid or proceeding with construction.
 - **Initiation by Group Year** – To allow Year 1, 2 & 3 projects to transition into construction first due to market capacity concerns, some Year 4 & 5 projects have been slowed.
 - **Construction** – Delays occurring in construction due to the inability to recover from delays in previous phases, scope revisions or contractor concerns.

PROGRAM HIGHLIGHTS

HOLDING VENDORS ACCOUNTABLE

- ▶ The Program Management team continues to enforce the damages/financial penalties clause of the Professional Services Agreement (PSA) with designers.
- ▶ Since the last quarter, the team recovered **\$27,650** in penalties, bringing the total recovered from architects/engineers that completed the Design phase to **\$177,250**.
- ▶ Designers and construction managers have been closely monitored to evaluate potential for further delays or best use of bond dollars.
- ▶ During this quarter, **1 designer** and **1 construction manager** were terminated:

SCHOOL NAME	BOARD ACTION
C. Robert Markham Elementary School	Board approved a Termination Without Cause of the Construction Services Agreement with The Weitz Company, LLC. on 3/31/2020
Western High School	Board approved a Termination for Convenience of the Professional Services Agreement with LIMCO Engineering Inc. on 3/3/2020

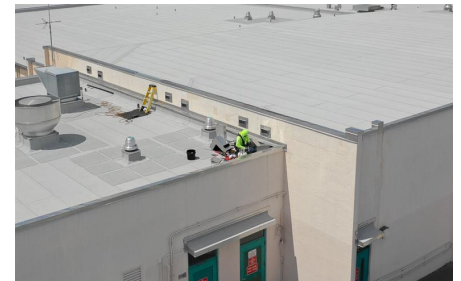
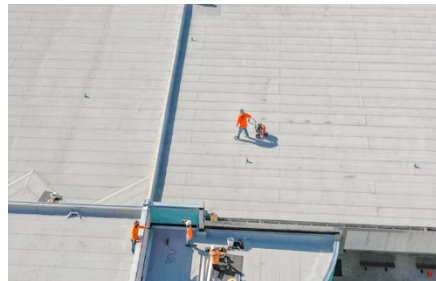
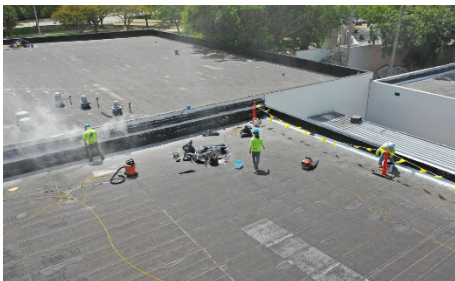
KEEPING THE PACE WITH SAFETY IN PLACE

In following the safety guidelines provided by state and federal public health officials, all Broward County public schools were temporarily closed beginning March 16, 2020.

With campuses vacant, the SMART team has taken the opportunity to move forward with increased efforts on the various active Primary Renovation projects across the district while maintaining all necessary safety precautions. While students continue their educations through Distance Learning until further notice, the empty campuses provide several advantages for more efficient and timely progress to be made.

Some of these advantages include:

- Increased ability to mobilize crews across several buildings simultaneously.
- Phasing plans previously required to work around school schedules can be expedited.
- Noisy construction is less of a concern with no classes and testing underway.
- The disruptive transfer of students and teachers to and from their classrooms in order to make repairs in specific areas is no longer required.



The SMART Team is working with Procurement, the Building Department, and others to identify additional opportunities to expedite work whenever and wherever possible. In continuing these efforts to enhance district schools, contractors working with the program have been grateful for the ability to maintain an active work schedule and secure their employment.

Working with all involved parties to ensure this work can continue safely has always been a priority, and adherence to guidelines regarding proper social distancing as well as hygienic measures are being upheld on the jobsites by all staff and vendors. The management team continues to monitor the situation on a daily basis for any necessary changes in approach.

AS OF MARCH 31, 2020

PAYMENT PROCESS & IMPROVEMENTS

Some concerns regarding timely payments were brought to our attention during recent conversations held with the SMART Program's contractor community regarding delays in the invoicing process.

Facilities and Construction Management (FCM), Heery, Atkins, and Capital Budget staff has met regularly to identify, review, and prioritize the delayed invoices as well as some key factors in improving the process:

NEW SCHEDULE OF VALUES (SOV)

A lack of consistency in invoice formatting and line item descriptions has created a time-consuming and ineffective review process. With a new Schedule of Values (SOV) now in place to avoid those inconsistencies, the amount of effort spent in review has been minimized.



E-BUILDER WORKFLOW TRAINING

The use of E-Builder for payment processing has met with a longer-than-expected period of initiation as staff was required to learn the new process. Training is being amplified to gain comfort with the workflow, with its utilization refocused toward the intended purpose and benefits.



A/E DESIGN CHECKLIST

The Design Checklist that must be completed by Design Firms prior to the delivery of payment was intended to ensure that hired firms met the standards and expectations outlined in their contracts but has often become an additional roadblock to payment processing. To improve its usage and avoid continued frustration, all relevant parties have been trained in its proper usage, and the process itself has been adjusted to address warranted concerns.

The improvement efforts have focused largely on these factors, as well as additional enhancements to the various processes involved. Much progress has already been made, and most of the outstanding payments previously awaiting fulfillment have been resolved.

Additionally, since we are currently dealing with the closure of locations during the Coronavirus protocols, we have implemented a process that allows invoice review, approvals, and payment processing to be effectively managed by staff remotely.

AS OF MARCH 31, 2020

SEPARATING THE SCOPE

There are 232 schools in the SMART Program, however that total isn't reflected in the process chart because campus renovations are sometimes separated to facilitate the process of design, hiring a contractor, or acceleration for completion. Each primary project is counted separately for accountability.

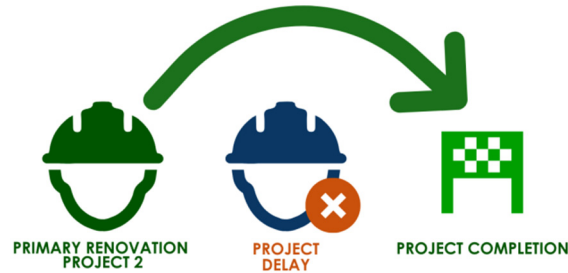
The program management team is also always looking for opportunities for acceleration, so projects have been and will continue to be separated to facilitate the process of hiring a contractor for construction.

For example, **there are 72 projects in construction at 69 schools, because three schools have two primary projects.**

Included below are the schools with separated Primary Renovation projects:

School	Project Type	Phase
Attucks Middle School	Primary Renovations: <i>Electrical, HVAC, and fire alarm improvements</i>	Design
	Primary Renovations: <i>Media center improvements</i>	Hire Contractor
	Primary Renovations: <i>Roofing improvements</i>	Hire Contractor
Cypress Bay High School	Primary Renovations	Construction
	Classroom Addition	Construction
Deerfield Beach High School	Primary Renovations – Phase 1: <i>Fire sprinkler and HVAC improvements and roofing repairs</i>	Hire Contractor
	Primary Renovations – Phase 2: <i>Building envelope, electrical, media center, safety, and STEM lab improvements</i>	Hire Designer
Maplewood Elementary School	Primary Renovations – Phase 1: <i>Building envelope and fire alarm system improvements and ADA restroom conversion</i>	Construction
	Primary Renovations – Phase 2: <i>HVAC and media center improvements</i>	Construction

SEPARATING THE SCOPE (contd.)









Continued list of schools with separated Primary Renovation projects:

School	Project Type	Phase
Margate Elementary School	Primary Renovations	Hire Contractor
	Classroom Addition	Design
Marjory Stoneman Douglas High School	Primary Renovations	Design
	Classroom Addition	Construction
McArthur High School	Primary Renovations	Design
	Classroom Addition	Design
Northeast High School	Primary Renovations	Hire Contractor
	Classroom Addition	Design
Stranahan High School	Primary Renovations	Construction
	Cafeteria	Design
Tamarac Elementary School	Primary Renovations – Phase 1: <i>Building envelope, fire sprinkler, and HVAC improvements</i>	Construction
	Primary Renovations – Phase 2: <i>Media center improvements</i>	Construction
	Media Center Restroom – <i>ADA conversion</i>	Hire Contractor

PRIMARY RENOVATIONS HIGHLIGHTS

The following are highlights of progress made this quarter. Schools with separated projects are always counted twice, making the numbers reported in the process chart higher than the tangible amount of schools in that phase. Moving forward the process chart will continue to reflect the number of projects in every phase instead of the number of schools.

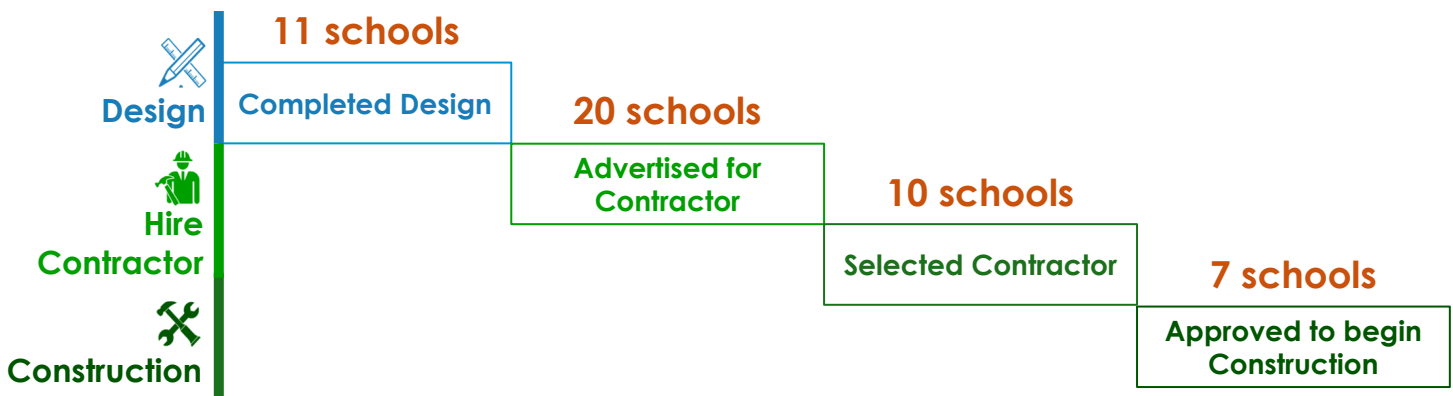
PRIMARY RENOVATIONS PROCESS CHART

1 	2 	3 	4 	5 	6 
PROJECT PLANNING	HIRE DESIGNER	PROJECT DESIGN	HIRE CONTRACTOR	PROJECT CONSTRUCTION	CONSTRUCTION CLOSEOUT
0	8	63	79	72	14
PROJECTS	PROJECTS	PROJECTS	PROJECTS	PROJECTS	PROJECTS
0	8	74	77	69	9
\$0 M	\$25.71 M	\$287.65 M	\$276.68 M	\$441.02 M	\$47.09 M
REFLECTS ADEFP BUDGET			REFLECTS BOARD APPROVED AWARDS		

COMPARISON OF DATA REPORTED LAST QUARTER: DECEMBER 31, 2019

KEY PERFORMANCE INDICATORS (KPI's)

The following KPI's are being monitored to track the progress of Primary Renovation projects moving between Design and Construction phases:



FEATURED SCHOOL:

CHARLES W. FLANAGAN HIGH SCHOOL

NEW 20-CLASSROOM BUILDING

Students at Charles W. Flanagan High School returned from winter break to find a new 20-classroom building waiting for them. To commemorate the new addition, a ribbon cutting ceremony, attended by Superintendent Runcie, was held on February 26, 2020. Also in attendance were School Board members, Commissioners from the city of Pembroke Pines, and the mayor.

BUILDING FEATURES

- ▶ Includes an external staircase and internal elevators
- ▶ Male and female group restrooms on both floors
- ▶ English and ESE (Exceptional Student Education) classes on the first floor
- ▶ Social Science classes on the second floor
- ▶ ESE classrooms include full kitchen and bathroom
- ▶ All classrooms include interactive technology and two whiteboards
- ▶ Collaborative furniture in every classroom
 - Can be attached with velcro and rearranged into shapes depending on the activity
 - Accommodates both right-handers and left-handers
 - Includes hooks for backpacks and book drops

OTHER RENOVATIONS

- ▶ HVAC upgrades include:
 - Pumps
 - New chiller
 - New cooling tower
- ▶ Roofing completion
- ▶ Window replacements for buildings 1, 2, 3 & 9



14 SCHOOLS IN CLOSEOUT

A school enters the Construction Closeout phase once a certificate of occupancy has been issued for the whole project.

14 Schools

Closeout

SCHOOL NAME	Completion Percentage	STAGE	SCOPE
Recently Completed			
Charles W. Flanagan High School	10%	Substantial Completion	Building envelope improvements (roof, windows, exterior wall, etc.), CR addition to allow for removal of portable buildings and HVAC improvements
Coconut Creek Elementary School	10%	Substantial Completion	Building envelope improvements (roof, windows, exterior wall, etc.), fire alarm, fire sprinklers, media center improvements, replace existing unit ventilators (appr. 43 CRs) with new unit ventilators.
Cypress Elementary School	10%	Substantial Completion	Building envelope improvements (roof, windows, exterior wall, etc.), fire sprinklers, media center improvements, replace existing unit ventilators (appr. 42) with new unit ventilators, duct and diffusers, safety / security upgrade
Discovery Elementary School	10%	Substantial Completion	HVAC improvements (Test and Balance)
Dr. Martin Luther King, Jr. Montessori Academy	10%	Substantial Completion	Building envelope improvements (roof, windows, exterior wall, etc.) and HVAC improvements
Previously Completed			
Coral Cove Elementary School	90%	Final Completion	HVAC improvements
Cypress Run Education Center	100%	Final Completion	HVAC improvements
Indian Ridge Middle School	100%	Board Approved	Art room renovation and equipment, building envelope improvements (roof, windows, exterior wall, etc.), conversion of existing space to music and/or art lab(s), HVAC improvements, music room renovation
Manatee Bay Elementary School	100%	Board Approved	Art room renovation and equipment, building envelope improvements (roof, windows, exterior wall, etc.), conversion of existing space to music and/or art lab(s), HVAC improvements, music room renovation
McNicol Middle School	100%	Final Completion	Building envelope improvements (roof, windows, exterior wall, etc.), conversion of existing space to music and/or art lab(s), fire sprinklers, HVAC improvements, music room renovation
Miramar Elementary School	55%	Substantial Completion	Building envelope improvements (roof, windows, exterior wall, etc.), HVAC improvements
Palm Cove Elementary School	100%	Board Approved	Building envelope improvements (roof, windows, exterior wall, etc.), HVAC improvements
Pine Ridge Education Center	80%	Substantial Completion	HVAC improvements
Silver Shores Elementary School	100%	Board Approved	Building envelope improvements (roof, windows, exterior wall, etc.), HVAC improvements

CLOSEOUT STAGES	%
Substantial Completion	0-80%
Final Completion	80-100%
Board Approved	100%

SCHOOLS IN CONSTRUCTION

Though there are 69 schools in Construction, there are **72 projects** presented because there are three schools with two active projects.

Included below is a summary breakdown of the schools in construction and their completion percentage:

COMPLETION PERCENTAGE	
96-99%	4 schools
76-95%	10 schools
51-75%	8 schools
26-50%	19 schools
0-25%	31 schools

These four schools have completed most of their SMART Primary Renovations but are awaiting the completion of paperwork before entering the Construction Closeout phase:

				4 Schools	96-99% Complete
SCHOOL NAME	%	DISTRICT	SCOPE		
Eagle Ridge Elementary School	99%	4	Fire alarm & HVAC improvements		
Silver Lakes Elementary School	99%	2	Building envelope improvements (roof, windows, exterior wall, etc.) and HVAC improvements		
Annabel C. Perry Pre K - 8	98%	1	Building envelope improvements (roof, windows, exterior wall, etc.), electrical improvements, fire alarm, fire sprinklers & HVAC improvements		
Bayview Elementary School	97%	3	Building envelope improvements (roof, windows, exterior wall, etc.) and HVAC improvements		

SCHOOLS IN CONSTRUCTION (contd.)

10 Schools

76-95% Complete

SCHOOL NAME	%	DISTRICT	SCOPE
Atlantic Technical, Arthur Ashe, Jr Campus	95%	5	Building envelope improvements (roof, windows, exterior wall, etc.) and fire alarm
Cypress Bay High School (Primary Renovation)	90%	6	Building envelope improvements (roof, windows, exterior wall, etc.), HVAC improvements and safety / security upgrade
Griffin Elementary School	90%	6	Building envelope improvements (roof, windows, exterior wall, etc.), fire alarm, HVAC improvements, media center improvements, pe/athletic improvements & safety / security upgrade
Westwood Heights Elementary School	90%	3	Building envelope improvements (roof, windows, exterior wall, etc.), HVAC improvements and media center improvements
Pompano Beach Elementary School	88%	7	Building envelope improvements (roof, windows, exterior wall, etc.), electrical improvements, fire alarm, fire sprinklers, HVAC improvements, improvements to or replacement of building 3
The Quest Center	86%	1	Electrical improvements, fire alarm, HVAC improvements, safety / security upgrade
Plantation Elementary School	85%	5	HVAC improvements (test and balance)
Sunland Park Academy	85%	5	Building envelope improvements (roof, windows, and exterior wall) and fire alarm
Lauderdale Lakes Middle School	80%	5	Fire alarm, fire sprinklers, media center improvements, roof repair, stucco and waterproof, interior repairs, HVAC - evaluation, test and balance and repair. replace fb in 4 ahus and provide dehumidification.
Morrow Elementary School	80%	4	ADA stage lift, electrical improvements, fire sprinkler protection and fire alarm, HVAC improvements, media center improvements

8 Schools

51-75% Complete

SCHOOL NAME	%	DISTRICT	SCOPE
Pinewood Elementary School	75%	4	Building envelope improvements (roof, windows, exterior wall, etc.), fire sprinklers, HVAC improvements, media center improvements
Everglades High School	65%	2	Building envelope improvements (roof, windows, exterior wall, etc.) and HVAC improvements.
West Hollywood Elementary School	64%	1	Building envelope improvements (roof, windows, and exterior wall), fire alarm and HVAC improvements
Quiet Waters Elementary School	60%	7	Art room renovation and equipment, building envelope improvements (roof, windows, exterior wall, etc.), conversion of existing space to music and/or art lab(s), fire sprinklers, HVAC improvements, music room renovation
Silver Trail Middle School	57%	2	HVAC improvements and re-roofing of existing building 1 and part of building 2
Tamarac Elementary School - Phase 1	56%	4	Building envelope improvements (roof, windows, exterior wall, etc.), fire sprinklers, HVAC improvements
Marjory Stoneman Douglas High School (Classroom Addition)	55%	4	New addition to replace building 12 (not smart funded)
Tamarac Elementary School (Media Center)	55%	4	Media center improvements

SCHOOLS IN CONSTRUCTION (contd.)

SCHOOL NAME	%	DISTRICT	SCOPE	19 Schools	26-50% Complete
Banyan Elementary School	50%	5	Building envelope improvements (roof, windows, exterior wall, etc.), HVAC improvements and media center improvements		
Castle Hill Elementary School	50%	5	Building envelope improvements (roof, windows, exterior wall, etc.), fire alarm, fire sprinklers, HVAC improvements, media center improvements		
Pompano Beach Middle School	50%	7	Building envelope improvements (roof, windows, exterior wall, etc.), fire alarm, fire sprinklers, HVAC improvements, improvements to (or replacement of) building 5, media center improvements, new SBS modified roof and accessories on buildings 1, 2, 3, 5 and 8 incl. canopies (excluding aluminum canopies).		
West Broward High School	50%	2	HVAC improvements (test and balance)		
Gulfstream Academy of Hallandale Beach K-8 (f.k.a. Hallandale Adult & Community Center)	49%	1	Building envelope improvements (roof, windows, exterior wall, etc.), electrical improvements, fire sprinklers, HVAC improvements, improvements to or replacement of building 1, improvements to or replacement of building 12, improvements to or replacement of building 7, improvements to or replacement of building 9, media center improvements, safety / security upgrade		
Sandpiper Elementary School	49%	6	Fire alarm and HVAC improvements		
Blanche Ely High School	44%	7	ADA stage lift, building envelope improvements (roof, windows, exterior wall, etc.) incl. bldg. #4, fire sprinklers, gymnasium accessibility, HVAC improvements, IAQ & fascia replacement, media center improvements, outdoor dining renovation & stem lab improvements		
Colbert Museum Magnet	42%	1	Building envelope improvements (roof, windows, exterior wall, etc.), HVAC improvements and safety / security upgrade.		
Stranahan High School	42%	3	Electrical improvements, fire alarm, fire sprinklers, HVAC improvements, media center improvements, replace non-ADA compliant concrete ramps and install aluminum canopies, roof and loggias replacement, stem lab improvements		
Sunset Lakes Elementary School	40%	2	Building envelope improvements (roof, windows, exterior wall, etc.) and HVAC improvements		
Ramblewood Elementary School	38%	4	Building envelope improvements (roof, windows, exterior wall, etc.), fire sprinklers, HVAC improvements, media center improvements & pe/athletic improvements		
Dillard 6-12 School	36%	5	Building envelope improvements (roof, windows, exterior wall, etc.), electrical improvements, fire sprinklers, HVAC improvements and safety / security upgrade		
Cypress Bay High School (Classroom Addition)	35%	6	CR addition - prep work & CR addition to allow for removal of portable buildings		

SCHOOLS IN CONSTRUCTION (contd.)

SCHOOL NAME	%	DISTRICT	SCOPE	19 Schools	26-50% Complete
Nova High School	35%	6	Building envelope improvements (roof, windows, exterior wall, etc.), art room renovation and equipment, electrical improvements, fire alarm, HVAC improvements, media center improvements, music room renovation, safety / security upgrade, stem lab improvements		
Seagull Alternative High School	35%	3	Building envelope improvements (roof, windows, exterior wall, etc.), fire alarm, fire sprinklers, HVAC improvements & media center improvements		
Pioneer Middle School	31%	6	Building envelope improvements (roof, windows, exterior wall, etc.), fire sprinkler protection. upgrade lighting to t8 and emergency lighting, HVAC improvements, media center improvements, and safety / security upgrade		
Gator Run Elementary School	30%	6	Building envelope improvements (roof, windows, exterior wall, etc.), art room renovation and equipment, conversion of existing space to music and/or art lab(s), HVAC improvements, music room renovation		
Fairway Elementary School	30%	2	Building envelope improvements (roof, windows, exterior wall, etc.), electrical improvements, fire alarm, HVAC improvements, media center improvements and safety / security upgrade		
North Side Elementary School	30%	3	Building envelope improvements (roof, windows, exterior wall, etc.) and HVAC improvements		

SCHOOL NAME	%	DISTRICT	SCOPE	31 Schools	0-25% Complete
Forest Hills Elementary School	25%	4	Building envelope improvements (roof, windows, exterior wall, etc.), fire sprinklers, media center improvements		
McNab Elementary School	25%	3	Building envelope improvements (roof, windows, exterior wall, etc.) and HVAC improvements		
Oakridge Elementary School	25%	1	Building envelope improvements (roof, windows, exterior wall, etc.), fire alarm, HVAC improvements, improvements to building 2 & media center improvements		
Bright Horizons Center	20%	7	Building envelope improvements (roof, windows, exterior wall, etc.), fire alarm, fire sprinklers and HVAC improvements.		
Hollywood Hills High School	20%	1	Electrical improvements, fire alarm, fire sprinklers, HVAC improvements media center improvements, roof replacement, safety / security upgrade, stem lab improvements		
Rock Island Elementary School	20%	5	Building envelope improvements (roof, windows, exterior wall, etc.) and HVAC improvements		

SCHOOLS IN CONSTRUCTION (contd.)

31 Schools

0-25% Complete

SCHOOL NAME	%	DISTRICT	SCOPE
Lake Forest Elementary School	17%	1	Building envelope improvements (roof, windows, exterior wall, etc.) and HVAC improvements
Falcon Cove Middle School	15%	6	Building envelope improvements (roof, windows, exterior wall, etc.), CR addition to allow for removal of portable buildings, HVAC improvements
Forest Glen Middle School	15%	4	Building envelope improvements (roof, windows, exterior wall, etc.), fire sprinklers and HVAC improvements
Fort Lauderdale High School	15%	3	Building envelope improvements (roof, windows, and exterior wall), electrical improvements and HVAC improvements
James S. Rickards Middle School	15%	3	Building envelope improvements (roof, windows, exterior wall, etc.), electrical improvements, fire alarm, fire sprinklers, HVAC improvements, media center improvements, safety / security upgrade
Sea Castle Elementary School	15%	2	ADA stage lift, building envelope improvements (roof, windows, exterior wall, etc.), fire alarm, HVAC improvements
Silver Ridge Elementary School	15%	6	Building envelope improvements (roof, windows, exterior wall, etc.) and HVAC improvements
Dave Thomas Education Center - East	10%	7	Building envelope improvements (roof, windows, exterior wall, etc.) and HVAC improvements.
Everglades Elementary School	10%	6	Building envelope improvements (roof, windows, exterior wall, etc.) and HVAC improvements.
Hawkes Bluff Elementary School	10%	2	Building envelope improvements (roof, windows, exterior wall, etc.) and HVAC improvements
Chapel Trail Elementary School	8%	2	Building envelope improvements (roof, windows, exterior wall, etc.), fire alarm, and HVAC improvements
Pembroke Pines Elementary School	7%	1	Building envelope improvements (roof, windows, exterior wall, etc.), electrical improvements, HVAC improvements, media center improvements, safety / security upgrade
Riverglades Elementary School	7%	4	Building envelope improvements (roof, windows, exterior wall, etc.), fire alarm, fire sprinklers, HVAC improvements,
Walker Elementary School	7%	5	Building envelope improvements (roof, windows, exterior wall, etc.), fire alarm, and HVAC improvements
Westchester Elementary School	6%	4	Building envelope improvements (roof, windows, exterior wall, etc.), electrical improvements, fire sprinklers, HVAC improvements, media center improvements, ADA restrooms, replace fire alarm, drainage improvements

SCHOOLS IN CONSTRUCTION (contd.)

SCHOOL NAME	%	DISTRICT	SCOPE	31 Schools	0-25% Complete
Mirror Lake Elementary School	5%	5	Building envelope improvements (roof, windows, exterior wall, etc.), fire sprinklers, HVAC improvements, media center improvements		
Embassy Creek Elementary School	1%	6	Art room renovation and equipment, building envelope improvements (roof, windows, exterior wall, etc.), conversion of existing space to music and/or art lab(s), fire alarm, HVAC improvements, music room renovation		
Liberty Elementary School	1%	7	Conversion of existing space to music and/or art lab(s), HVAC improvements, music room renovation, PE/athletic improvements		
Maplewood Elementary School (Phase 1)	1%	4	ADA restrooms & fire sprinkler @ restrooms, building envelope improvements (roof, windows, exterior wall, etc.), fire alarm		
Maplewood Elementary School (Phase 2)	1%	4	HVAC improvements and media center improvements		
Oakland Park Elementary School	1%	3	Building envelope improvements (roof, windows, exterior wall, etc.), electrical improvements, fire alarm, HVAC improvements,		
Riverland Elementary School	1%	3	Building envelope improvements (roof, windows, exterior wall, etc.) and HVAC improvements		
Stirling Elementary School	1%	1	Building envelope improvements (roof, windows, exterior wall, etc.) and HVAC improvements		
Sunrise Middle School	1%	3	Building envelope improvements (roof, windows, exterior wall, etc.), electrical improvements, fire sprinklers, HVAC improvements, safety / security upgrade		
William E. Dandy Middle School	1%	5	Building envelope improvements (roof, windows, exterior wall, etc.), fire alarm, fire sprinklers, HVAC improvements, improvements to or replacement of building 18, safety / security upgrade		

FEATURED SCHOOLS IN CONSTRUCTION

DATA REPRESENTS JANUARY 1, 2020 – MARCH 31, 2020

Included below are highlights of 6 of the 72 projects currently in the Construction phase.



EVERGLADES HIGH SCHOOL

- Roofing work in progress for Buildings 1-3
- Preparations being made for chiller replacement



FORT LAUDERDALE HIGH SCHOOL

- Roofing repairs in progress
- 600 light fixtures being replaced



GATOR RUN ELEMENTARY SCHOOL

- Art lab renovation almost complete, pending final fire alarm upgrades
- Music room renovation almost complete
- Roofing demolition & temporary layer underway in Building 1

FEATURED SCHOOLS IN CONSTRUCTION (CONTD.)

DATA REPRESENTS JANUARY 1, 2020 – MARCH 31, 2020

Included below are highlights of 6 of the 72 projects currently in the Construction phase.



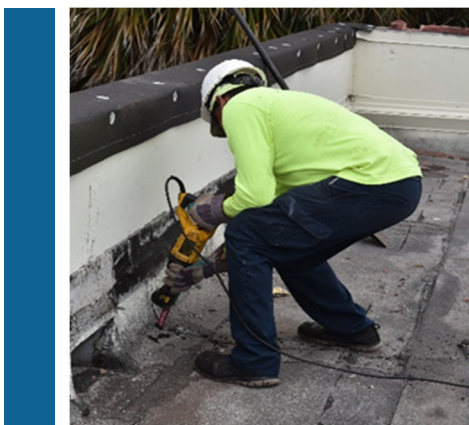
QUIET WATERS ELEMENTARY SCHOOL

- Roofing work in progress
- Music room improvements complete
- HVAC upgrades almost done



RAMBLEWOOD ELEMENTARY SCHOOL

- Media center renovations almost complete
- Installation of new chiller, air handling units, and duct work in progress



ROCK ISLAND ELEMENTARY SCHOOL

- Roofing work in progress
- Pending start of HVAC improvements

BIG 3 HIGHLIGHTS

Blanche Ely High School, Northeast High School, and Stranahan High School SMART Program updates for the quarter ending March 31, 2020.

BLANCHE ELY HIGH SCHOOL



NORTHEAST HIGH SCHOOL

STRANAHAN HIGH SCHOOL



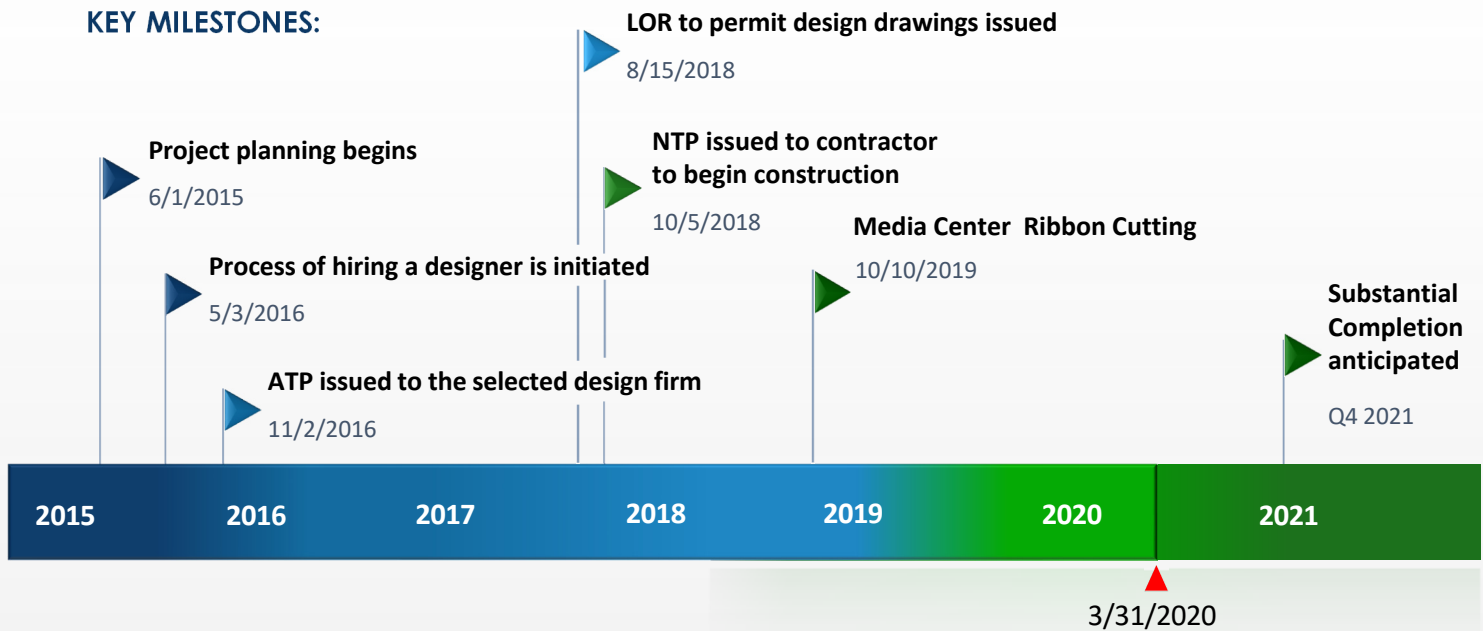


BLANCHE ELY HIGH SCHOOL

PRIMARY RENOVATIONS: **CONSTRUCTION PHASE 44%**

After experiencing obstacles in the Design phase, Blanche Ely's Primary Renovation project has progressed since entering the Construction phase with the completion of the media center, outdoor dining area, restroom and concession stand improvements in building 14 and more. The project has experienced delays resulting from the length of time taken to obtain an NTP for construction, combined with the time taken to obtain a roofing sub-permit. The Program Management team is working with the contractor to regain time and finalize a contractual completion date.

KEY MILESTONES:





BLANCHE ELY HIGH SCHOOL

PRIMARY RENOVATIONS: **CONSTRUCTION PHASE 44%**

MEDIA CENTER - COMPLETE ✓

- New floors, ceiling tiles, furniture, circulation desk, and lighting installed

OUTDOOR DINING STRUCTURE - SUBSTANTIALLY COMPLETE

- Roofing work complete
- Dining tables and ceiling fans installed
- Final paint touch ups complete

BUILDING 1 – IN PROGRESS

- Interior chilled water replaced
- New ceilings installed in hallways
- Air handling unit replacements in progress

BUILDING 2 – IN PROGRESS

- STEM lab construction | 80% complete
- Weight room fire sprinkler & ceiling work | 80% complete
- Restroom renovations | 30% complete
- HVAC upgrades | 80% complete

BUILDING 14 – IN PROGRESS

- STEM lab construction | 80% complete
- Weight room fire sprinkler & ceiling work | 80% complete
- Restroom renovations | 30% complete
- HVAC upgrades | 80% complete

BUILDING 15 – IN PROGRESS

- Final HVAC and electrical inspections in progress

BUILDING 26 – IN PROGRESS

- STEM Lab construction is in progress



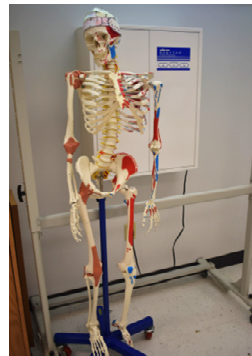
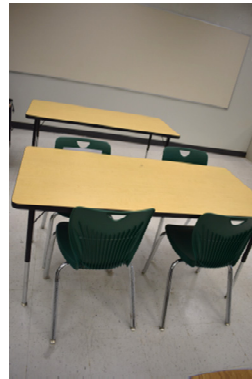


BLANCHE ELY HIGH SCHOOL

SCHOOL CHOICE ENHANCEMENT: **COMPLETE** ✓

ITEMS DELIVERED AND INSTALLED:

- ▶ Media backdrop
- ▶ Bracket kits with ActivBoards
- ▶ Projectors
- ▶ Tables
- ▶ Chairs
- ▶ Science equipment
- ▶ Digital classroom upgrades
- ▶ Heart models
- ▶ Podium
- ▶ Laptops & adapters



ATHLETICS: **COMPLETE** ✓

- ▶ Weight room renovations
- ▶ Track upgrades





BLANCHE ELY HIGH SCHOOL

Building 1
In progress



Building 2
In progress



Building 14
In progress



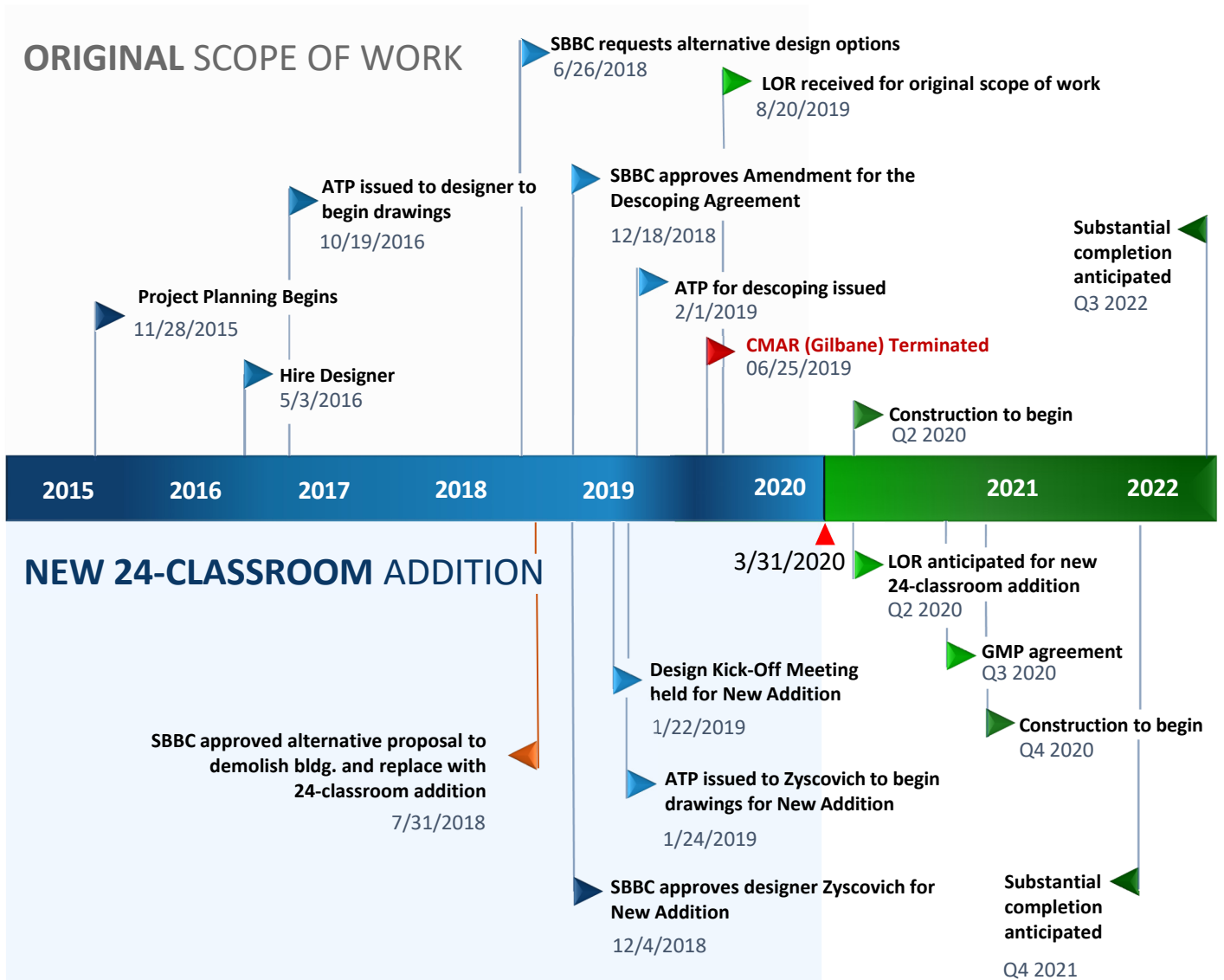


NORTHEAST HIGH SCHOOL

PRIMARY RENOVATIONS: ORIGINAL SCOPE & NEW ADDITION

The Design phase for Northeast High School presented a number of challenges and complexities, with a separated scope of work for the new 24-classroom building contributing to the length of time spent in this phase.

KEY MILESTONES:



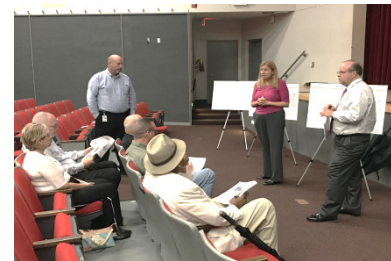


NORTHEAST HIGH SCHOOL

ORIGINAL SCOPE

PRIMARY RENOVATIONS (PHASE 1): **HIRING CONTRACTOR 95%**

- ▶ School Board approved the Construction Manager Agreement with Pirtle Construction Company to replace Gilbane as the Construction Manager
- ▶ Roofing reality check was conducted
- ▶ GMP Negotiations are being finalized
- ▶ Board approved the GMP after the quarter ended on April 21, 2020

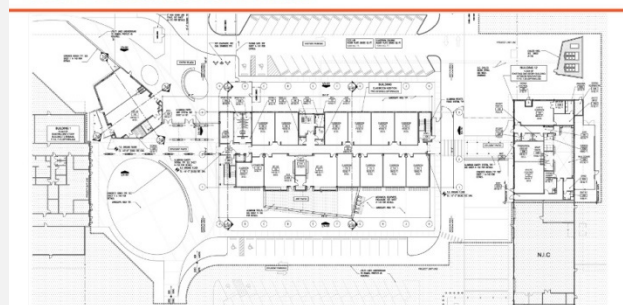


NEW CLASSROOM ADDITION

PRIMARY RENOVATIONS (PHASE 2): **DESIGN PHASE 90%**

- ▶ 50% Construction Documents were reviewed and approved
- ▶ 100% design submission anticipated in April 2020
- ▶ Building Department review anticipated in Q2 2020

New Addition Site Plan





NORTHEAST HIGH SCHOOL

SCHOOL CHOICE ENHANCEMENT: IMPLEMENTATION PHASE 94%

ITEMS DELIVERED AND INSTALLED:

- ▶ Outdoor trash receptacles
- ▶ Science equipment
- ▶ Golf carts
- ▶ Scoring tables
- ▶ Digital marquee
- ▶ Gym scoreboards (2)
- ▶ Football scoreboard
- ▶ Electric strikes (2)
- ▶ Standalone door alarms
- ▶ Window wraps



The school has selected to hold on to the remaining dollars until the Primary Renovations are complete (\$6,161.60).

ATHLETICS: PENDING



- ▶ Weight room improvements are tied to the school's Primary Renovations, and because the Primary Renovations project has been altered in Design, the weight room cannot proceed until the revised drawings have been permitted and approved. Once the contractor has achieved occupancy of the future weight room's location, the vendor will start the installation process, which can be completed within 90 days of the start.

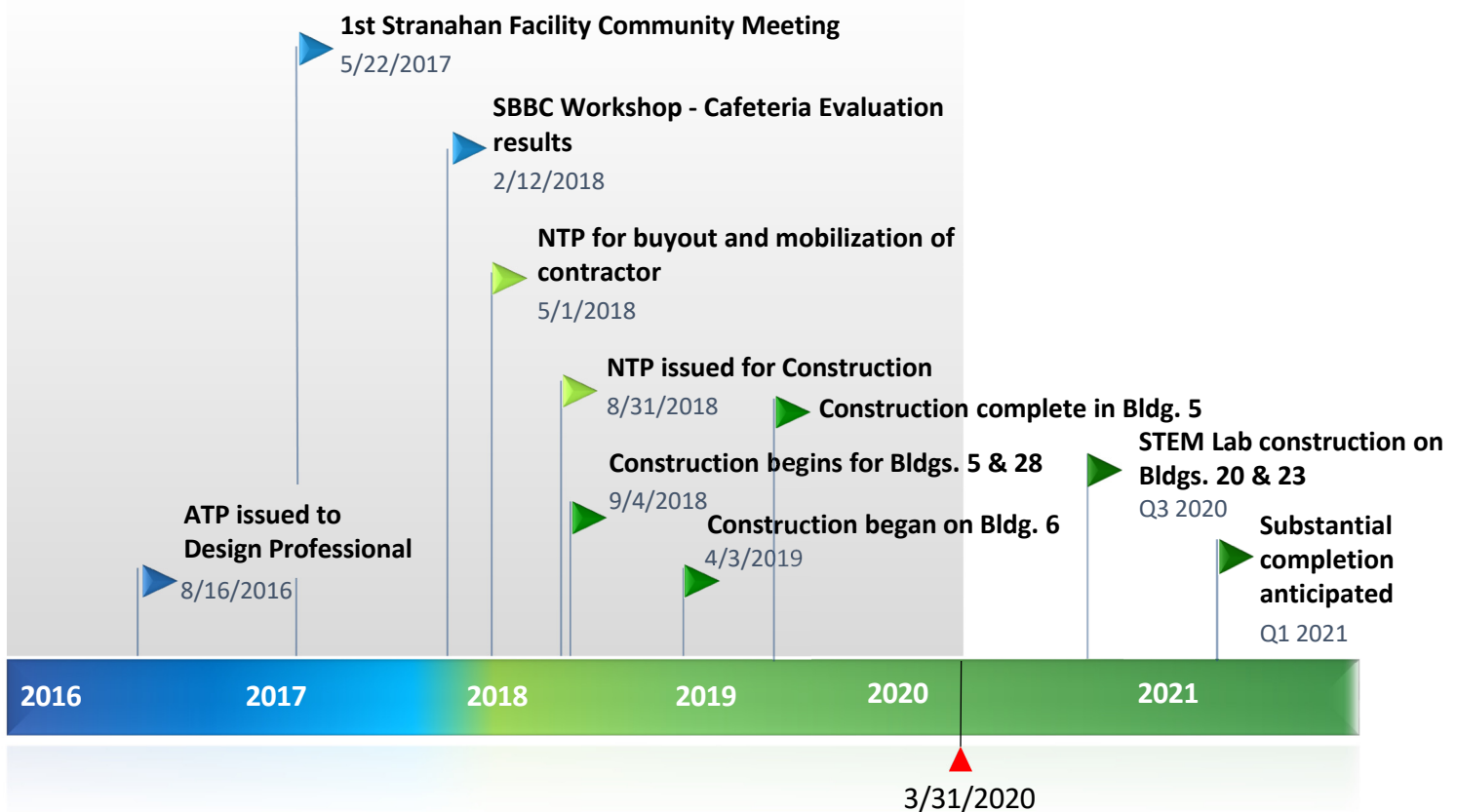


STRANAHAN HIGH SCHOOL

PRIMARY RENOVATIONS: CONSTRUCTION PHASE 42%

Although Stranahan's Primary Renovations project experienced early challenges, construction has been active at the school since September 2018, and its scheduled enhancements have made steady progress.

KEY MILESTONES:





STRANAHAN HIGH SCHOOL

PRIMARY RENOVATIONS: **CONSTRUCTION PHASE 42%**

BUILDING 2 & 3 – IN PROGRESS

- Roofing repairs and curb replacement 50% complete
- Electrical upgrades

BUILDING 4 – IN PROGRESS

- HVAC and electrical upgrades

BUILDING 5 – COMPLETE ✓

- Re-roofing work
- HVAC replacements
- Restroom upgrades
- New aluminum canopy and ramp

BUILDING 6 – IN PROGRESS

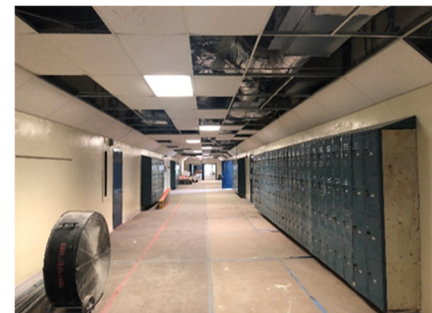
- Re-roofing work complete
- Aluminum Canopy complete
- Interior work for restroom upgrades, ceiling tiles, electrical, and HVAC replacement of air handling units and ducts completed
- Business STEM labs are in progress

BUILDING 7 – COMPLETE ✓

- Re-roofing work complete
- Interior work for restroom upgrades, ceiling tiles, electrical, and HVAC replacement of air handling units and ducts completed

BUILDING 9 – IN PROGRESS

- Fire Sprinkler upgrades





STRANAHAN HIGH SCHOOL

PRIMARY RENOVATIONS: **CONSTRUCTION PHASE 42%**

BUILDING 13 & 14 – IN PROGRESS

- Re-roofing
- HVAC Upgrades

BUILDING 15 (GYMNASIUM) – COMPLETE ✓

- Air handling units and piping installation

BUILDING 17 – IN PROGRESS

- Restroom improvements

Fire alarm improvements are ongoing across campus

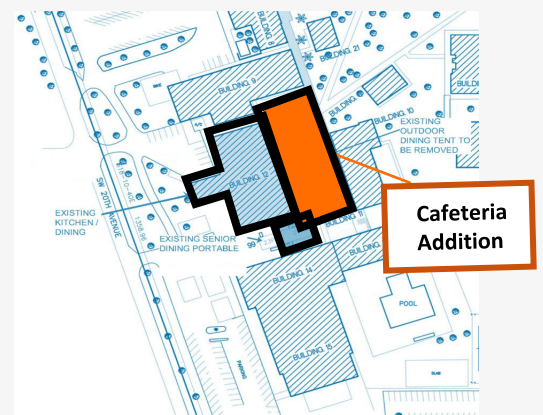
CAFETERIA ADDITION/RENOVATION: **DESIGN PHASE 55%**

APPROVED SCOPE OF WORK

- ▶ Cafeteria Addition/ Renovation
 - Open floor plan for overall dining area
 - New dining hall addition
 - Facilities for students attached to dining area
 - Food court concept for food service area
- ▶ Electrical improvements
- ▶ HVAC improvements
- ▶ Roof replacement

KEY HIGHLIGHTS

- 50% Re-design under facilities review
- Re-design and PSA amendment approved at February 4th board meeting





STRANAHAN HIGH SCHOOL

SCHOOL CHOICE ENHANCEMENT: **IMPLEMENTATION PHASE 84%**

ITEMS DELIVERED AND INSTALLED:

- ▶ 50" TVs
- ▶ Outdoor picnic benches
- ▶ Projectors
- ▶ Document cameras
- ▶ Printers
- ▶ Scientific calculators
- ▶ Student laptops
- ▶ Column wraps
- ▶ Digital marquee
- ▶ PA system
- ▶ Office furniture



The school is deliberating how to use the remaining dollars (\$13,219.84).

ATHLETICS: **COMPLETE ✓**



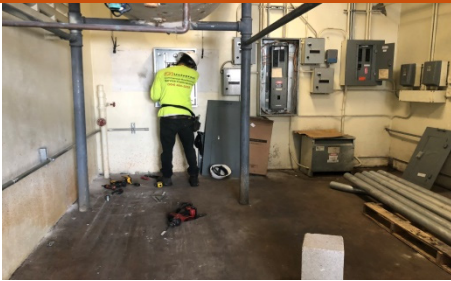
- ▶ Weight room renovations
- ▶ Track upgrades



STRANAHAN HIGH SCHOOL

Building 2 & 3 – Roofing & Electrical

In progress



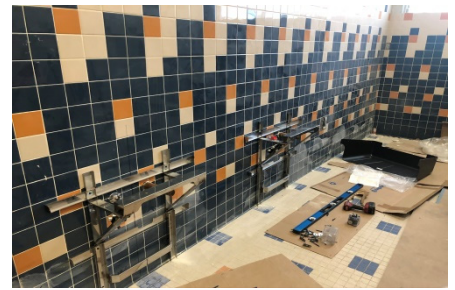
Building 4 – HVAC & Electrical

In progress



Building 17 – Restroom Improvements

In progress



Buildings 13 & 14 - Re-Roofing

In progress



PROJECT SCHEDULE & BUDGET FLAGS

Included below is explanation of the flag categories and key followed by a table listing the total number divided by reason.

- ▶ Schedule flags have been grouped in the table and chart below based on the reason for delay:
 - **Designer Selection** – Eight remaining Year-5 projects were delayed pending a determination on the appropriate delivery method for a design team selection.
 - **Design Delays** – Delays attributed to the designer’s failure to meet contractual obligations with submittals, multiple reviews and resubmittals for permitting.
 - **Roofing Assessments** – Delays resulting from the project undergoing a "Reality Check" where it is evaluated for scope clarity before advertising for bid or proceeding with construction.
 - **Initiation by Group Year** – To allow Years 1, 2 & 3 projects to transition into construction first due to market capacity concerns, some Year 4 & 5 projects have been slowed.
 - **Construction** – Delays occurring in construction due to the inability to recover from delays in previous phases, scope revisions or contractor concerns.
- ▶ Below is a key for identifying the type of schedule flag in the following flag report.
 - **S** – Project **has missed** the planned milestone date for progressing to the next phase
 - **(S)** – Reflects a **possibility of the project missing** the planned milestone date for progressing to next phase
 - **[S]** – Project has **resolved** the delay that was previously identified

Included in the table below are the schedule and budget flags from this quarter divided by reason for the delay.

Project Scope	Designer Selection	Design Related Delays	Roofing Assessments	Initiation by Group Year	Construction Phase Delays	Other	Budget Flags	Total
Primary Renovations	8	76	17	33	37	18	13	202
Other (Cafeteria, Fire Alarm, etc.)		2			1	1		4
School Choice Enhancements						15		15
Total	8	78	17	33	38	34	13	221

Note: Once projects have completed construction and reached construction closeout, they will no longer be flagged.

► DESIGNER SELECTION

Below are schools **delayed due to the process of determining a delivery method for selecting a design team.**

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Cresthaven Elementary School	Primary Renovations	Hire Design Team	S	Yes	Reason: Delays occurred due to additional review of the delivery method and Board approval to perform the project using CMAR services. Remedy: The CMAR RFQ has been advertised and the selection of a CMAR firm is pending. Once the CMAR firm has been hired, an Authorization to Proceed will be executed for both design firm and CMAR contractor..
Deerfield Beach High School	Primary Renovations – Phase 2	Hire Design Team	S	Yes	Reason: Delays occurred due to additional review of the delivery method and Board approval to perform the project using CMAR services. Remedy: The CMAR RFQ has been advertised and the selection of a CMAR firm is pending. Once the CMAR firm has been hired, an Authorization to Proceed will be executed for both design firm and CMAR contractor.
Deerfield Beach Middle School	Primary Renovations	Hire Design Team	S	Yes	Reason: Delays occurred due to additional review of the delivery method and Board approval to perform the project using CMAR services. Remedy: The CMAR RFQ has been advertised and the selection of a CMAR firm is pending. Once the CMAR firm has been hired, an Authorization to Proceed will be executed for both design firm and CMAR contractor.
Lyons Creek Middle School	Primary Renovations	Hire Design Team	S	Yes	Reason: Delays occurred due to additional review of the delivery method and Board approval to perform the project using CMAR services. Remedy: The CMAR RFQ has been advertised and the selection of a CMAR firm is pending. Once the CMAR firm has been hired, an Authorization to Proceed will be executed for both design firm and CMAR contractor.
Monarch High School	Primary Renovations	Hire Design Team	S	Yes	Reason: Delays occurred due to additional review of the delivery method and Board approval to perform the project using CMAR services. Remedy: The CMAR RFQ has been advertised and the selection of a CMAR firm is pending. Once the CMAR firm has been hired, an Authorization to Proceed will be executed for both design firm and CMAR contractor.
New Renaissance Middle School	Primary Renovations	Hire Design Team	S	Yes	Reason: Delays occurred due to additional review of the delivery method and Board approval to perform the project using CMAR services. Remedy: The CMAR RFQ has been advertised and the selection of a CMAR firm is pending. Once the CMAR firm has been hired, an Authorization to Proceed will be executed for both design firm and CMAR contractor.
Sheridan Technical High School	Primary Renovations	Hire Design Team	S	Yes	Reason: Delays occurred due to additional review of the delivery method and Board approval to perform the project using CMAR services. Remedy: The CMAR RFQ has been advertised and the selection of a CMAR firm is pending. Once the CMAR firm has been hired, an Authorization to Proceed will be executed for both design firm and CMAR contractor.
Silver Lakes Middle School	Primary Renovations	Hire Design Team	S	Yes	Reason: Delays occurred due to additional review of the delivery method and Board approval to perform the project using CMAR services. Remedy: The CMAR RFQ has been advertised and the selection of a CMAR firm is pending. Once the CMAR firm has been hired, an Authorization to Proceed will be executed for both design firm and CMAR contractor.

FLAG KEY:

S **Schedule:** Project has missed the planned milestone date for progressing to the next phase in the process.

S **Schedule:** Reflects a possibility of the project missing the planned milestone date for progressing to next phase in the process.

S **Schedule:** Project has resolved the delay that was previously identified.

B **Budget:** Reflects a board approved increase in funding based on bid and/or change order results.

► DESIGN RELATED DELAYS

Below are schools with **Primary Renovation** scheduled flags this quarter due to design related concerns:

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Apollo Middle School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during the design phase. The design firm has been delayed in submitting the construction documents for permit review. Remedy: The design has been submitted for permit review, and is currently being revised in order to resubmit.
Atlantic Technical High School & Technical College	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during the design phase. The design firm has not submitted design documents per the professional service agreement. Remedy: The owner will be enforcing terms of the contract for delays.
Atlantic West Elementary School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred in the design phase. The design firm has taken an above average amount of time to complete the 100% submittal. Remedy: The owner will be enforcing terms of the contract for delays.
Attucks Middle School	Primary Renovations – Phase 1	Design	S	Yes	Reason: Delays have occurred in the design process related to permitting and minor delays during design. Multiple revisions have been required by the design firm in order to achieve a permit, with minor edits required to receive permit. Pending submission of the sixth submission. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions.
Boyd H. Anderson High School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays have occurred in the permitting process of the design phase. The design firm had taken an average of two months to submit each of the first two design drawing sets and the fifth set for review by the Building Department. The design firm took three months to submit the fourth revision. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions. The project has received a Letter of Recommendation to Permit. Delays from the design phase are not forecasted to be recovered.
Broadview Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays have occurred in the permitting phase of the design process. Multiple revisions have been required by the design firm in order to achieve a permit. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions. The project has received a Letter of Recommendation to Permit. Delays from the design phase are not forecasted to be recovered.
Central Park Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays have occurred in the design phase related to permitting. The design firm has required an above average amount of submissions of the Construction Documents prior to receiving a Letter of Recommendation to permit. Remedy: The delays are not anticipated to be recovered. The construction schedule will be closely monitored to avoid further delays. Update: The project is pending Board award of the contract.

FLAG KEY:

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- S** **Schedule:** Project has resolved the delay that was previously identified.

- B** **Budget:** Reflects a board approved increase in funding based on bid and/or change order results.

► DESIGN RELATED DELAYS

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Charles Drew Elementary School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during design due to multiple submissions to close review comments prior to permit review. Remedy: Comments have been closed and the project has been submitted for permit review. The owner will be enforcing terms of the contract for delays.
Charles Drew Family Resource Center	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during design due to multiple submissions to close review comments prior to permit review. Remedy: Comments have been closed and the project has been submitted for permit review. The owner will be enforcing terms of the contract for delays.
Coconut Creek High School	Primary Renovations	Design	S	No	Reason: Delays have occurred during the design phase. The design firm has not met the deadlines of the design deliverables. Remedy: The owner will be enforcing terms of the contract for delays.
Coconut Palm Elementary School	Primary Renovations	Design	S	No	Reason: Delays occurred during the design phase related to permitting. Additional testing on the roofing system was required in order to submit for a sixth review to the Building Department. Remedy: The testing has been completed and the sixth submission is pending.
Cooper City Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays occurred in design due to an above average amount of submissions to the Building Department for permit review. Remedy: The Letter of Recommendation for Permit has been received. Pending new CSMP contractor list.
Cooper City High School	Primary Renovations	Design	Ⓢ	No	Delays are being experienced during design due to scope verification that was required. The project is forecasted to be delayed by two months.
Coral Glades High School	Primary Renovations	Design	S	Yes	Reason: Clarification regarding a new fire alarm panel vs. a new fire alarm system has caused delays to the LOR delivery date. Remedy: The construction documents have been submitted for permit review.
Coral Park Elementary School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during the design process. The design firm didn't submit the 90% and 100% submittals within the time frame per the professional service agreement. Remedy: The owner will be enforcing the terms of the contract for delays.
Coral Springs High School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays occurred in the permitting process of the design phase. The design firm took an above average amount of time to complete each submission for the Building Department on multiple occasions. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions. Letter of Recommendation to Permit has been received and contractor procurement is in progress.
Coral Springs Middle School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during the design phase. A delay was experienced due to required decisions by the District for the fire sprinkler scope of work. Additional delays took place due to multiple backcheck reviews prior to submitting for permit review. Remedy: All activities related to delays have been overcome and the project is in the permitting process.

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► DESIGN RELATED DELAYS

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Coral Springs Pre-K - 8	Primary Renovations	Design	S	Yes	Delays have occurred during the backcheck review of the Construction Documents prior to submitting for permit review. Multiple submissions were required in order to close out comments made by the review team. The project is currently delayed by 4 months. It is anticipated these delays could extend if the design requires multiple submissions to the Building Department to receive a Letter of Recommendation to Permit.
Country Hills Elementary School	Primary Renovations	Design	S	No	Reason: Delays have occurred during the design phase. The design firm has not met the deadlines of the design deliverables. Remedy: The owner will be enforcing terms of the contract for delays.
Croissant Park Elementary School	Primary Renovations	Design	S	No	Reason: Delays have occurred during the design phase. The design firm has required additional time to address all review comments during permitting. Remedy: All discipline reviews have been approved and the Letter of Recommendation to permit is pending.
Cross Creek School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays have occurred throughout the design process. Remedy: All discipline reviews have been approved by the Building Department. The current CSMP contract has expired. The project will experience additional delays until the new CSMP contractor list is approved.
Crystal Lake Middle School	Primary Renovations	Design	S	No	Reason: Delays occurred during the design phase. The design firm has taken an above average amount of time to resubmit plans for permit review. The design firm took four months to resubmit the second time for review, and three months to resubmit the third time for review. Remedy: The owner will be enforcing terms of the agreement for delays.
Cypress Bay High School	Classroom Addition	Construction	Ⓢ	No	Original contractual date of substantial completion is 12/6/2020. Project is currently on pace. Delays were experienced during the design phase that were not recovered in bid and award or construction. Multiple backcheck reviews were required to closeout comments before the design firm submitted for permit review.
Dania Elementary School	Primary Renovations	Design	S	Yes	The design process is now forecasted for completion in Q2 2021 due to the revision in scope related to right sizing Building 2. The project design schedule is being closely monitored due to the delays in scope revisions.
Deerfield Beach High School	Primary Renovations – Phase 1	Design	S	Yes	Reason: Delays have occurred during the permitting process. The design firm was non-responsive after the second submission was reviewed and the Building Department provided comments. Remedy: The Letter of Recommendation to Permit has been received. Pending final testing of existing piping prior to advertising for bids.
Driftwood Elementary School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during the design phase related to clarification in fire sprinkler scope of services and additional civil scope requirements. Remedy: Decision has been made on the fire sprinkler scope of work, and the civil scope of work will be added to the project pending approval of the agreement addendum.
Driftwood Middle School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays occurred during the permitting process in the design phase. The design firm has needed over 100 days to complete and resubmit the construction documents for permit. Remedy: The Letter of Recommendation to Permit has been received, and the project is progressing.

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- B** **Budget:** Reflects a board approved increase in funding based on bid and/or change order results.

► DESIGN RELATED DELAYS

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Flamingo Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays have occurred in the permitting process of the design phase. The design firm has taken an above average amount of submissions in order to receive a Letter of Recommendation to Permit. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions. Update: The project bid opening has occurred. Pending Board approval to award.
Forest Hills Elementary School	Fire Alarm	Design	S	Yes	Reason: Previous delays in the design phase occurred when the project was put on hold for coordination with the Primary Renovation. At this time the delays are now the requirement for additional funding to add a voice activation system to the Fire Alarm. Multiple bids have been required to receive a competitive cost for design and construction by a CSMP Fire Alarm Contractor. Remedy Update: The project is pending Board approval for additional funding prior to finishing design and having the contractor perform with the Primary Renovation.
Gulfstream Early Learning Center of Excellence	Primary Renovations	Design	Ⓢ	Yes	Reason: Delays have occurred during the design phase related to the backcheck review and permitting process. The design firm has taken an above average number of submissions in the backcheck review and additional time in the permitting process to progress to a Letter of Recommendation to Permit. Remedy: Letter of Recommendation to Permit has been received. Project is scheduled to advertise for bids in May 2020.
Hallandale Magnet High School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during the design phase. The design firm has missed multiple submission deadlines throughout the design process. Remedy: The owner will be enforcing terms of the contract for delays.
Hollywood Hills Elementary School	Primary Renovations	Design	S	No	Delays are occurring during the design phase. The original design firm was terminated. The new design firm is preparing to submit 90% construction documents for review.
Indian Trace Elementary School	Primary Renovations	Design	S	Yes	Due to the termination of the original design firm the project was delayed by multiple months.
J.P. Taravella High School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred in the permitting phase of the design process. The design firm took four months to submit to the permit process after the 100% Construction Document review. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions. The project has received a Letter of Recommendation to Permit. The delays during the design phase are not forecasted to be recovered.
James S. Hunt Elementary School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during the design phase. The design firm has not met the deadlines of the design deliverables. Remedy: The owner will be enforcing terms of the contract for delays.
Lauderhill 6-12 STEM-MED Magnet School	Primary Renovations	Design	S	Yes	Reason: Delays in design due to decisions by the District required to be made related to the scope. Additional delays have occurred in the design process related to the permitting. The design firm has required almost three months to provide a second submission for permit. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions.

FLAG KEY:

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- Ⓜ** **Schedule:** Project has resolved the delay that was previously identified.

- B** **Budget:** Reflects a board approved increase in funding based on bid and/or change order results.

► DESIGN RELATED DELAYS

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Lauderhill Community School at Park Lakes Learning Center	Primary Renovations	Design	S	No	Delays are occurring in the design process related to approval of the Letter of Recommendation to Permit. Additional comments and clarification was required to properly close out Building Department comments. The project is experiencing a slight delay of three months with a Letter of Recommendation to Permit anticipated in early April 2020
Lloyd Estates Elementary School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during the permitting process of the design phase. The design firm has required an above average amount of time to resubmit the second and third submission of construction documents for permitting. Currently pending the review of the fifth submission for permitting. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions.
Margate Elementary School	Classroom Addition	Design	Ⓢ	No	The project is experiencing delays in design. The demolition scope has been removed to accelerate, to avoid delays. The classroom addition is pending 100% construction documents for review.
Margate Middle School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred in the permitting phase of the design process. The design firm has taken an above average amount of time to revise and resubmit the Construction Documents for permit review on several occasions. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions.
Marjory Stoneman Douglas High School	Primary Renovations	Design	S	No	Reason: Minor delays are being experienced in the design phase during the permitting process. A letter of recommendation to permit is forecasted in Q2 2020.
McFatter Technical High School & Technical College	Primary Renovations	Design	S	Yes	Reason: Delays occurred in the design phase related to permitting. The design firm took four and a half months to resubmit a second time for permit after receiving Building Department comments. The third submittal has been reviewed with submission four pending. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions.
Miramar High School	Primary Renovations	Design	S	No	Reason: Delays have occurred in the design phase due to an above average amount of submissions for permit review. Remedy: The design firm currently only has Fire Alarm and Roofing comments to close prior to issuance of a Letter of Recommendation to Permit. The owner will be enforcing terms of the contract for delays and multiple resubmissions.
New River Middle School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays have occurred in the permitting process in the design phase. The design firm took over six months to revise and resubmit the construction documents for permit review after the second submission due to a re-design on the roofing scope. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions. The Letter of Recommendation to Permit has been received. The construction schedule will be closely watched to avoid further delays.
North Andrews Gardens Elementary School	Primary Renovations	Design	Ⓢ	No	The design firm is currently pending submission to the Building Department for permit review. Delays are anticipated due to the average duration of time to receive a Letter of Recommendation to Permit.

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► DESIGN RELATED DELAYS

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Northeast High School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays have occurred during the design phase due to changes in the scope that have been approved by the Board. Remedy: The changes to the design have been made and approved by the Building Department. Revisions to the design documents is creating a minor delay to avoid bidding issues.
Northeast High School	New Addition	Design	S	Yes	Delays are occurring due to the estimated construction cost of the current design. Decisions are needed on design alternatives to bring the project back into budget.
Nova Blanche Forman Elementary School	Primary Renovations	Design	S	Yes	Delays have occurred during the backcheck review of the Construction Documents prior to submitting for permit review. Multiple submissions were required in order to close out comments made by the review team. The project is currently delayed by 5 months. It is anticipated these delays could extend if the design requires multiple submissions to the Building Department to receive a Letter of Recommendation to Permit.
Nova Dwight D. Eisenhower Elementary School	Primary Renovations	Design	S	Yes	Delays have occurred during the backcheck review of the Construction Documents prior to submitting for permit review. Multiple submissions were required in order to close out comments made by the review team. The project is currently delayed by 5 months. It is anticipated these delays could extend if the design requires multiple submissions to the Building Department to receive a Letter of Recommendation to Permit.
Oriole Elementary School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during the design phase. The design firm has required four months to revise and resubmit for permit review after the first submission. The third submission took an additional 2 months. Remedy: The owner will be enforcing the terms of the contract for delays.
Palmview Elementary School	Primary Renovations	Design	S	Yes	Delays have occurred during the backcheck review of the Construction Documents prior to submitting for permit review. Multiple submissions were required in order to close out comments made by the review team. The project is currently delayed by 9 months. It is anticipated future delays during the permitting review due to multiple submissions is being accounted for.
Park Springs Elementary School	Primary Renovations	Design	S	Yes	Delays have occurred during the backcheck review of the Construction Documents prior to submitting for permit review. Multiple submissions were required in order to close out comments made by the review team. The project is currently delayed by 7 months. It is anticipated future delays during the permitting review due to multiple submissions is being accounted for.
Parkway Middle School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during the design phase. The project is being reviewed to determine the possibility of merging two school campuses and changing use. The design firm is providing options for possible scope change. Remedy: Pending the District decision on usage and the future of the campus, the project will complete design and enter permit review.
Pasadena Lakes Elementary School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred in the permitting process in the design phase. The design firm has taken over five months to revise and resubmit the construction documents for the third submission. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions. Update: The design firm is working to closeout the final two comments in order to receive a Letter of Recommendation to Permit.

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► DESIGN RELATED DELAYS

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Peters Elementary School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during the design phase related to the completion of the 100% Construction Documents. The design firm has required multiple submissions to close out final comments prior to submitting for permit review. Remedy: All comments are closed and the project will be submitted for permit review. The owner will be enforcing the terms of the contract for delays.
Piper High School	Primary Renovations	Hire Contractor	S	No	Reason: Delays occurred during the design phase. The design firm required two months to submit the second time for permit review, and over four months to resubmit again. Remedy: The owner will be enforcing the terms of the contract for delays.
Plantation High School	Primary Renovations	Design	S	Yes	Reason: Delays occurred in design due to changes in the scope related to the art room. Remedy: Board approval was received to demolish Building 2 and relocate the art room to Building 1.
Plantation Park Elementary School	Primary Renovations	Design	S	Yes	Reason: Delays occurred during the design phase. The design firm took an above average amount of time to respond to Building Department comments and receive a Letter of Recommendation to Permit. Remedy: Letter of Recommendation to Permit is expected early April 2020.
Pompano Beach High School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during the design phase. The design firm has missed multiple submission deadlines throughout the design process. Remedy: The owner will be enforcing terms of the contract for delays.
Riverside Elementary School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during the design phase. The design firm required two submissions of the 90% Construction Documents in order to proceed. Additionally, the project was delayed due to staffing changes by the design firm, and scope clarification to receive design approval from the new Fire Chief. Remedy: The reasons for delays are no longer affecting the project schedule. The project is in permitting review.
Sanders Park Elementary Magnet	Primary Renovations	Design	S	Yes	Delays have occurred during the backcheck review of the Construction Documents prior to submitting for permit review. Multiple submissions were required in order to close out comments made by the review team. The project is currently delayed by 2 months. It is anticipated these delays could extend if the design requires multiple submissions to the Building Department to receive a Letter of Recommendation to Permit.
Sawgrass Elementary School	Primary Renovations	Design	S	No	Reason: Delays have occurred in the design process related to permitting and minor delays during design. Multiple revisions have been required by the design firm in order to achieve a permit. Pending submission of the fourth submission. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions.
Seminole Middle School	Primary Renovations	Design	S	Yes	Reason: Delays occurred during the design phase. The design firm was delayed in submitting for backcheck review. Final comments are in the process of closeout prior to submitting to the permitting process. Remedy: The owner will be enforcing the terms of the contract for delays.

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► DESIGN RELATED DELAYS

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Sheridan Hills Elementary School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred in the permitting process of the design phase. The design firm has required multiple months to resubmit for a second review. Remedy: The owner will be enforcing terms of the contract for delays.
Sheridan Technical College	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during design due to multiple submissions to close review comments prior to permit review. Remedy: Comments have been closed and the project has been submitted for permit review. The owner will be enforcing terms of the contract for delays.
South Broward High School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays have occurred during the design phase related to an above average number of submissions for permit review prior to receiving an LOR. Additional delays have occurred during bid and award due to the required roofing reality check. The purpose of the reality check is to identify opportunities for cost and scope efficiencies. Remedy: The Letter of Recommendation for Permit has been received and the project is ready for bid advertisement. Funding Year 1 and 2 projects are to take priority for advertisement of bid. The project is funded under Year 3 and will be advertised after the funding Year 1 and 2 projects that are prepared for advertisement.
South Plantation High School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during the design phase of the project. The design firm is past their design schedule on the project. Additionally, clarification is needed for the HVAC scope which will add a small delay to the design process. Remedy: Once the decision is made on the HVAC scope the project will be submitted for permit review.
Stirling Elementary School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 2/16/2021. Project is currently on pace. A three month delay was experienced in the design phase and a two month delay was experienced in bid and award which has not been recovered during construction.
Stranahan High School	Cafeteria Additions / Renovations	Design	S	Yes	Reason: The project 50% construction documents have been estimated to be over budget. The project is to be redesigned to budget. The design firm is currently requesting additional fees. Remedy: Negotiations have been held with the design firm regarding additional fees. 50% construction documents are in review.
Sunshine Elementary School	Primary Renovations	Design	S	Yes	The project included the demolition or renovation of Building 3. The project is pending the Board decision on demolition or renovation prior to completing the design. Once the decision is made the project will progress to 100% Construction Documents and then the permitting process.
Tequesta Trace Middle School	Primary Renovations	Design	S	Yes	Due to the termination of the original design firm the project was delayed by multiple months.
Tropical Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delay in Design has occurred due to duration of time for resubmission of the Construction Documents to the Building Department. The Designer took 8 months to provide the first submittal for permitting. Remedy: The owner will be enforcing terms of the contractor for delays and multiple resubmissions.

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► DESIGN RELATED DELAYS

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Village Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delay in Design has occurred due to duration of time for resubmission of the construction documents to the Building Department. Additionally, the designer is requiring more submittals to receive a Letter of Recommendation for Permit that was originally scheduled. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions. Correction: Completion percentage corrected. Project is 5% complete, with delivery method for construction changed to bidding process.
Walter C. Young Middle School	Primary Renovations	Design	S	Yes	Correction: Project was previously stated as pending the fourth submission for permit review. The project is pending the third submission, not the fourth. Reason: Delays have occurred during the design phase. The design firm took five months to revise and resubmit for permit review. The project is currently taking three months to revising and resubmitting for permit review for the third time, and the delays continue to grow. Remedy: The owner will be enforcing terms of the contract for delays.
Welleby Elementary School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during the design phase. The design firm has not met the deadlines of the design deliverables. Remedy: The owner will be enforcing terms of the contract for delays.
Western High School	Primary Renovations	Design	S	Yes	Reason: Delays are occurring in completing the construction documents during the design phase. The design firm is nonresponsive. Remedy: The design firm has been issued a notice of delay. The owner will be enforcing terms of the contract for delays.
Whiddon-Rogers Education Center	Primary Renovations	Design	S	Yes	Reason: Delays have occurred throughout the design phase. There was a delay in the review of the 100% Construction Documents. Multiple submissions were required in order to closeout comments. Remedy: The project is being closely reviewed to provide a quality design. The owner will be enforcing terms of the contract for delays.
Whispering Pines Education Center	Primary Renovations	Design	S	Yes	Reason: Delays have occurred during the design phase. The design firm has been delayed in meeting the contract schedule. Remedy: The owner will be enforcing terms of the contract for delays.

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► ROOFING ASSESSMENT

Included below are schools with **Primary Renovation** scheduled flags this quarter that were due to the roofing reality check.

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Davie Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: The project was delayed three quarters due to the required roofing reality check. Remedy: Notice to Proceed is being executed.
Eagle Point Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Minor delays have occurred during the design phase and bid and award phase. The design firm took an above average amount of submissions in order to receive a Letter of Recommendation to Permit. The project also required a roofing reality check which caused a delay. The purpose of the reality check is to identify opportunities for cost and scope efficiencies. Remedy: The Letter of Recommendation to Permit has been received and the roofing reality check has been completed. The project is delayed by two quarters.
Fort Lauderdale High School	Primary Renovations	Construction	Ⓢ	Yes	Original contractual date of substantial completion is 10/7/2020. Project is currently on pace. A one month delay was experienced in the bid and award phase related to the roofing reality check which has not been recovered during construction.
Harbordale Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays occurred during bid and award phase due to the need for a roofing reality check. Remedy: The project has concluded the roofing reality check. Changes have been made and the project has received initial sub-contractor bids.
Horizon Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays occurred during bid and award phase. The project has just concluded a roofing reality check. Changes have been made and the project is scheduled to go to bid advertisement once Year 1-3 projects have been advertised.
Lauderdale Manors Early Learning and Resource Center	Primary Renovations	Hire Contractor	S	Yes	Reason: Delay in Design has occurred due to an above average amount of Construction Document submittals to the Building Department. A roofing reality check was completed. There was no scope changes. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions.
North Fork Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: The project was delayed during the bid and award phase in order to conduct a roofing reality check before bidding. The purpose of the reality check is to identify opportunities for cost and scope efficiencies. Remedy: The roofing reality check is complete. Bid opening is scheduled for January 2020. Correction: Completion percentage corrected. Project is 5% complete, with re-bid required due to scope revisions.
North Lauderdale Pre K - 8	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays occurred during the bid and award phase related to completing a roofing reality check before bidding. The purpose of the reality check is to identify opportunities for cost and scope efficiencies. Remedy: The roofing reality check has been completed with the CSMP proposal received.
Nova Middle School	Primary Renovations	Hire Contractor	S	No	Reason: Delays have occurred during bid and award due to the required roofing reality check. The purpose of the reality check is to identify opportunities for cost and scope efficiencies. Remedy: The project is funded under Year 3 and was advertised after the funding Year 1 and 2 projects completed roofing reality checks and were advertised.

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► ROOFING ASSESSMENT

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Oakland Park Elementary School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 3/4/2021. Project is currently on pace. Previous delays experienced during bid and award have not been recovered.
Panther Run Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays have occurred during bid and award due to the required roofing reality check. The purpose of the reality check is to identify opportunities for cost and scope efficiencies. Funding Year 1 thru 3 projects are to take priority for advertisement of bid. Remedy: The project is funded under Year 5 and was advertised after the available funding Year 1 thru 3 projects were advertised.
Parkside Elementary School	Primary Renovations	Hire Contractor	S	Yes	The project is currently pending a roofing reality check prior to progressing thru bid and award. Once the reality check is completed, requests for proposals will be made to CSMP Contractors.
Pembroke Lakes Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 3 and will be advertised after the funding Year 1 and 2 projects that are prepared for advertisement. Remedy: A roofing reality check has been completed and bid advertisement is pending revisions to the roofing design due to findings during the roofing reality check.
Plantation Middle School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays experienced during design due to permits required by outside agencies which were not submitted for in a timely manner by the design firm. A roofing reality check has been completed and the project has advertised for bid. Remedy: Board approval of contractor took place in March 2020. Pending execution of the Notice to Proceed.
Sawgrass Springs Middle School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays have occurred during the bid and award phase due to the required roofing reality check. The purpose of the reality check is to identify opportunities for cost and scope efficiencies. Remedy: The roofing reality check has been completed. Pending revision to construction documents related to roofing details prior to bid advertisement.
Sunrise Middle School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 1/21/2021. Project is currently on pace. A one month delay occurred during the design phase and a four month delay occurred during bid and award due to the required roofing reality check.
Tedder Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Minor delays have occurred during the design phase and bid and award phase. The design firm took an above average amount of time to submit in order to receive a Letter of Recommendation to Permit. The project also required a roofing reality check which caused a delay. The purpose of the reality check is to identify opportunities for cost and scope efficiencies. Remedy: The Letter of Recommendation to Permit has been received and the roofing reality check has been completed. The project is delayed by a quarter.

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► INITIATION BY GROUP YEAR

Below are schools with **Primary Renovation schedules flags this quarter** due to delays caused by the plan to keep schools **moving through the phased process by funding year**:

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Bair Middle School	Primary Renovations	Hire Contractor	S	Yes	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 4 and will be advertised after the funding Year 1 thru 3 projects that are prepared for advertisement.
Boulevard Heights Elementary School	Primary Renovations	Hire Contractor	Ⓢ	Yes	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 4 and will be advertised after the funding Year 1 thru 3 projects that are prepared for advertisement.
Broward Estates Elementary School	Primary Renovations	Hire Contractor	S	Yes	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 4. Advertisement for bids took place in March 2020 with all available Year 1 thru 3 projects already advertised.
Challenger Elementary School	Primary Renovations	Hire Contractor	S	Yes	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 4 and has been advertised after the available funding Year 1 thru 3 projects were advertised.
Chapel Trail Elementary School	Primary Renovations	Construction	Ⓢ	Yes	Delays occurred during bid and award. Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 4 and was advertised after the available Funding Year 1 thru 3 projects were advertised. Original contractual date of substantial completion is 1/27/2021. Project is currently on track.
Deerfield Park Elementary School	Primary Renovations	Hire Contractor	S	Yes	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 4 and was advertised after the available funding Year 1 thru 3 projects were advertised.
Dillard Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays have occurred during bid and award. Funding Year 1 thru 3 projects are to take priority for advertisement of bid. Remedy: The project is funded under Year 4 and was advertised after the available funding Year 1 thru 3 projects were advertised. Bid opening has taken place and the project is pending Board approval to award.
Floranada Elementary School	Primary Renovations	Hire Contractor	Ⓢ	Yes	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 4 and has been advertised after the available funding Year 1 thru 3 projects were advertised.
Gulfstream Academy of Hallandale Beach K-8 (f.k.a. Hallandale Elementary)	Primary Renovations	Hire Contractor	S	Yes	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 4 and will be advertised after the funding Year 1 thru 3 projects that are prepared for advertisement.
Henry D. Perry Education Center	Primary Renovations	Hire Contractor	S	Yes	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 4 and will be advertised after the funding Year 1 thru 3 projects that are prepared for advertisement.
Hollywood Central Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: The project is funded under Year 4 and was advertised after the available Funding Year 1 thru 3 projects were advertised. Remedy: The bid advertisement has taken place with bid opening scheduled for early April 2020.

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► INITIATION BY GROUP YEAR

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Lakeside Elementary School	Primary Renovations	Hire Contractor	S	Yes	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 5 and has been advertised after the available funding Year 1 thru 3 projects that were advertised.
Larkdale Elementary School	Primary Renovations	Hire Contractor	S	No	Reason: Delays have occurred during bid and award. The CM firm was delayed on bidding the project to sub-contractors and preparing the GMP amendment. Remedy: The CM firm has been removed from the project. The project is a Year 5 project and is pending progress of the Year 1 thru 3 projects prior to advertising for bid. Correction: The project phase percent complete has been changed to 5% from 60% to reflect pending bid advertisement.
Lauderhill-Paul Turner Elementary School	Primary Renovations	Hire Contractor	Ⓢ	Yes	The project is pending a roofing reality check before bidding. The purpose of the reality check is to identify opportunities for cost and scope efficiencies. Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 5 and will conduct a roofing reality check after the funding Year 1 thru 3 projects that are pending.
Meadowbrook Elementary School	Primary Renovations	Hire Contractor	Ⓢ	No	Funding Year 1 thru 3 projects are to take priority for the procurement of a contractor. The project is funded under Year 5 and has experienced a delay due to the priority of Year 1 thru 3 projects.
Millennium 6-12 Collegiate Academy	Primary Renovations	Hire Contractor	S	Yes	Delays occurred during the design phase related to permitting. The design firm took over three months to resubmit for the second review and two months to resubmit for the third review. Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 4 and will be advertised after the funding Year 1 thru 3 projects that are prepared for advertisement.
Norcrest Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays have occurred during bid and award. Funding Year 1 thru 3 projects are to take priority for advertisement of bid. Remedy: The project is funded under Year 3 and was advertised after the funding Year 1 and 2 projects were advertised. Bid opening has taken place and the project is pending Board approval to award.
Park Lakes Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays have occurred during bid and award. Funding Year 1 thru 3 projects are to take priority for advertisement of bid. Remedy: The project is funded under Year 4 and was advertised after the available funding Year 1 thru 3 projects were advertised. Bid opening has taken place and the project is pending Board approval to award.
Park Ridge Elementary School	Primary Renovations	Hire Contractor	Ⓢ	Yes	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 5 and will be advertised after the funding Year 1 thru 3 projects that are prepared for advertisement.
Park Trails Elementary School	Primary Renovations	Hire Contractor	Ⓢ	Yes	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 5 and will be advertised after the funding Year 1 thru 3 projects that are prepared for advertisement.
Ramblewood Middle School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays occurred during Bid and Award. The project bid advertisement was delayed due to priority of Year 1 and 2 project advertisements prior to the Year 3 projects. Remedy: The project has been advertised and awarded. The Notice to Proceed is pending execution.

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Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Royal Palm STEM Museum Magnet	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays occurred during Bid and Award. The project bid advertisement was delayed due to priority of Year 1 and 2 project advertisements prior to the Year 3 projects. Remedy: The project is funded under Year 3 and has been advertised after the available funding Year 1 and 2 projects were advertised.
Sheridan Park Elementary School	Primary Renovations	Hire Contractor	Ⓢ	No	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 5 and will be advertised after the funding Year 1 thru 3 projects that are prepared for advertisement.
Silver Palms Elementary School	Primary Renovations	Hire Contractor	Ⓢ	Yes	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 5 and will be advertised after the funding Year 1 thru 3 projects that are prepared for advertisement.
Stephen Foster Elementary School	Primary Renovations	Hire Contractor	S	Yes	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 5 and will be advertised after the funding Year 1 thru 3 projects that are prepared for advertisement.
Thurgood Marshall Elementary School	Primary Renovations	Hire Contractor	S	Yes	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 5 and will be advertised after the funding Year 1 thru 3 projects that are prepared for advertisement.
Tradewinds Elementary School	Primary Renovations	Hire Contractor	S	No	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 4 and will be advertised after the funding Year 1 thru 3 projects that are prepared for advertisement.
Virginia Shuman Young Elementary School	Primary Renovations	Hire Contractor	Ⓢ	Yes	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 4 and has been advertised after the available funding Year 1 thru 3 projects were advertised.
Watkins Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays occurred during Bid and Award. The project bid advertisement was delayed due to priority of Year 1 thru 3 project advertisements prior to the Year 5 projects. Remedy: The project is funded under Year 5 and will be advertised after the funding Year 1 thru 3 projects that are prepared for advertisement.
Westglades Middle School	Primary Renovations	Hire Contractor	S	No	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 5 and will be advertised after the funding Year 1 thru 3 projects that are prepared for advertisement.
Westpine Middle School	Primary Renovations	Hire Contractor	Ⓢ	Yes	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 4. Advertisement for bids took place in February 2020 with all available Year 1 thru 3 projects already advertised.
Wingate Oaks Center	Primary Renovations	Hire Contractor	S	Yes	Reason: Delay in Design has occurred due to an above average amount of Construction Document submittals to the Building Department. Additional delays have occurred during bid and award due to the required roofing reality check. The purpose of the reality check is to identify opportunities for cost and scope efficiencies. Remedy: The Letter of Recommendation for Permit has been received and the project has been bid. Correction: Completion percentage corrected. Project is 5% complete, rather than 15%, with a re-bid required due to missing construction documents in the bid package.
Winston Park Elementary School	Primary Renovations	Hire Contractor	S	Yes	Funding Year 1 thru 3 projects are to take priority for advertisement of bid. The project is funded under Year 4 and has been advertised after the available funding Year 1 thru 3 projects that were advertised.

FLAG KEY:

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- B** **Budget:** Reflects a board approved increase in funding based on bid and/or change order results.

► CONSTRUCTION PHASE DELAYS

Below are schools where delays occurred during construction due to the **inability to recover from delays in previous phases, scope revisions or contractor concerns**:

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Annabel C. Perry Pre K - 8	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 9/17/2019. Reason: Delays occurred due to roofing sub-contractor requiring replacement. The new sub-contractor is on board with roofing work having now begun. The contract is currently late. Remedy: A possible change order for the schedule impact may occur. Update: Pending completion of the construction work prior to submitting any change orders for Board approval related to the construction schedule.
Atlantic Technical, Arthur Ashe, Jr Campus	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 8/20/2019. Reason: Delays occurred during construction related to the roofing sub-permit. It took an estimated additional 4 months in order to receive an approved roofing sub-permit which was not accounted for in the original construction schedule. Additional delays were experienced beginning the roof work after the sub-permit was received. Remedy: The sub-permit has been received, the roof repairs are complete, and the construction is estimated to be completed in Q2 2020.
Banyan Elementary School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 9/3/2019. Reason: Delays occurred during construction related to the roofing sub-permit. The project continues to be delayed until the roofing sub-permit is received. Remedy: The construction is estimated to be completed in Q2 2020 pending receipt of the sub-permit.
Bayview Elementary School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 4/23/2019. Reason: Delays have occurred during construction related to multiple inspections and follow-up work needed to pass the inspections. Remedy: The project is pending final roof repairs and inspections. Update: December rains prevented substantial completion by the end of 2019 with majority of the final work being roof repairs. Substantial completion is now scheduled for early April 2020.
Blanche Ely High School	Primary Renovations	Construction	Ⓢ	No	Original contractual date of substantial completion is 8/1/2020. Delays continue to grow without a roofing sub-permit being approved. Without the roofing sub-permit, the project is forecasted to be completed December 2021.
Castle Hill Elementary School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 1/25/2019. Reason: Delays have occurred during the construction phase. The contractor was delayed for a month at the principal's request. Additionally, there were delays of six months in receiving a roofing sub-permit. Remedy: A Notice to Cure has been issued. Currently re-evaluating the contractor performance. Update: The contractor continues to be delayed. Most recent recovery schedule showed substantial completion on 5/12/2020. Delays are expected to continue with May 2020 not achievable.

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► CONSTRUCTION PHASE DELAYS

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Colbert Museum Magnet	Primary Renovations	Construction	S	No	Original contractual date of substantial completion is 12/5/2019. Reason: Delays occurred during construction related to the roofing sub-permit. The project continues to be delayed until the roofing sub-permit is received. Remedy: The construction is estimated to be completed in Q3 2020 pending receipt of the sub-permit.
Cypress Bay High School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 12/26/2019. Reason: Delays were experienced in construction related to roof mounting of HVAC equipment. Remedy: Pending decision of the roof stand prior to completion of the roofing work and HVAC stand installation. Substantial completion is scheduled for Q2 2020. Minor delay in finishing the roofing work in order to receive Substantial Completion.
Eagle Ridge Elementary School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 7/29/2019. Reason: Delays occurred in Design, and Bid and Award that were not regained during construction. A change order is forthcoming to provide the contractor a time extension. Delays in construction were due to fire alarm scope changes required to comply with the new fire alarm requirements. These delays were not the contractor's fault. Update: Fire Alarm Panel training is required for PPO and a decision is pending on the installation requirements of an AC unit for one electrical room.
Everglades Elementary School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 4/14/2020. Delay Reason: Delays occurred during construction related to the roofing sub-permit process. The roofing sub-permit required multiple submissions for the sub-contractor to receive approval. The sub-permit was received in February 2020. A delay of two months was experienced in bid and award due to the roofing reality check. The roofing sub-permit process has delayed the project an additional three months with an estimated Substantial Completion date in August 2020.
Falcon Cove Middle School	Primary Renovations	Construction	Ⓢ	Yes	Original contractual date of substantial completion is 6/30/2020. The project has experienced delays due to as-built conditions in the field differing from the as-built plans for the campus. Additional time was needed to locate and redesign conditions for the water line and sanitary line locations below grade.
Forest Hills Elementary School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 2/2/2019. Reason: Delays occurred during construction related to the roofing sub-permit. The project continues to be delayed until the roofing sub-permit is received. Remedy: The contractor has been put on notice twice. The contractor has hired a new roofing sub-contractor to overcome the submittal issues.
Gator Run Elementary School	Primary Renovations	Construction	Ⓢ	No	Original contractual date of substantial completion is 5/26/2020. Project is currently delayed 4 months due to multiple submissions of the roofing sub-permit.
Griffin Elementary School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 10/29/2019. Reason: Delays occurred during construction related to the roofing sub-permit. Additional delays were experienced during roofing inspections. The contractor was requiring additional improvements to pass inspections. Remedy: The sub-permit has been received, the roof repairs are in progress, and the construction is estimated to be completed in Q2 2020.

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► CONSTRUCTION PHASE DELAYS

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Lake Forest Elementary School	Primary Renovations	Construction	S	No	Original contractual date of substantial completion is 6/21/2020. Project is currently experiencing a two month delay due to roofing sub-permitting. Critical path to achieve contractual substantial completion depends on receiving a roofing sub-permit in a timely manner. This is being closely watched and will be updated accordingly.
Lauderdale Lakes Middle School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 7/10/2019. Reason: Previously delays have occurred in the design and bid and award phases. These delays were not recovered. Additional minor delays have occurred during construction. Delays started with replacement of the roofing sub-contractor. Original sub-contractor was not able to obtain a roofing sub-permit. Additional minor delays due to Summer rain that affected the roof work and unforeseen asbestos abatement that was needed in the large mechanical room. Remedy: Roofing sub-permits have been received and the roofing work is progressing. Substantial completion is scheduled for late Q2 2020 due to fire sprinkler work needing remobilization.
McNab Elementary School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 2/10/2020. Delays occurred during construction related to the roofing sub-permit. Remedy: The construction is estimated to be completed in Q3 2020.
Morrow Elementary School	Primary Renovations	Construction	S	No	Original contractual date of substantial completion is 1/16/2020. Project is currently delayed by four months pending descope of remaining work which will be completed by FM Work Order. The descope is being evaluated prior to executing.
North Side Elementary School	Primary Renovations	Construction	S	No	Original contractual date of substantial completion is 5/14/2020. Project is currently delayed two months due to the contractor not obtaining a roofing sub-permit in a timely manner. Delays will continue until the roofing sub-permit is approved.
Oakridge Elementary School	Primary Renovations	Construction	S	No	Original contractual date of substantial completion is 5/31/2020. Project is currently delayed by 5 months due to contractor performance. Contractor will be submitting for a time extension. Update will be provided with reasoning and decision when the time extension has been submitted.
Pinewood Elementary School	Primary Renovations	Construction	S	Yes	The milestone schedule for construction was found to be unrealistic. The duration of construction has been extended during the bid and award phase. The original contractual date of substantial completion is 10/2/2020. Project is currently on pace.
Pompano Beach Elementary School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 4/16/2020. Project is currently delayed by two months. Contractor has submitted for a time extension which is currently in review.
Quiet Waters Elementary School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 1/19/2020. Project is currently delayed by six months. Contractor will be submitting for a time extension. Update will be provided with reasoning and decision when the time extension has been submitted.
Ramblewood Elementary School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 4/6/2020. A delay of 2 months occurred during the bid and award phase which has not been recovered. Additional delays are being experienced related to roofing sub-permit and other shop drawings. Contractor will be submitting for a time extension. Update will be provided with reasoning and decision when the time extension has been submitted.

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► CONSTRUCTION PHASE DELAYS

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Rock Island Elementary School	Primary Renovations	Construction	S	No	Original contractual date of substantial completion is 4/8/2020. Reason: Delays occurred during construction related to the roofing sub-permit. The roofing sub-permit took 5 months and multiple submissions to be approved. Remedy: The construction is estimated to be completed in Q2 2020 and is currently delayed by two months
Sandpiper Elementary School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 8/25/2019. Reason: Delays have been experienced during construction related to updating the Fire Alarm specifications to comply with the updated District approved standards. Remedy: The construction is forecasted to be completed in Q3 2020.
Seagull Alternative High School	Primary Renovations	Construction	S	No	Original contractual date of substantial completion is 10/30/2019. Delays are being experienced in the start of construction due to roofing submittals required multiple revisions. The roofing sub-permit has not been received. Update: Completion is now anticipated in Q3 2020 with delays continuing regarding the roofing sub-permit.
Silver Lakes Elementary School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 11/19/2019. Reason: Delays occurred during the design and bid and award phases. These delays have not been recovered during construction. Additionally, the project is delayed by two months during construction due to contractor performance. Remedy: The project is pending the final electrical inspections to reach Substantial Completion.
Silver Trail Middle School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 9/20/2019. Reason: Delays from design and bid and award have not been recovered. Currently experiencing additional delays during construction due to roofing sub-contract performance and schedule adherence. Remedy: A recovery schedule has been issued by the contractor and they are on track to meet the recovery schedule.
Sunland Park Academy	Primary Renovations	Construction	S	No	Original contractual date of substantial completion is 7/29/2020. Project is currently on pace. A one month delay occurred during the design phase which has not been recovered
Tamarac Elementary School	Primary Renovations – Phase 1	Construction	S	No	Original contractual date of substantial completion is 2/28/2020. The project is currently delayed due to the contractor performance. The project is pending deductive change orders to remove rest of scope.
Tamarac Elementary School	Primary Renovations – Phase 2	Construction	S	No	Original contractual date of substantial completion is 2/28/2020. The project is currently delayed with delays continuing until the current health crisis is resolved.
Tamarac Elementary School	ADA Restrooms	Construction	S	No	The project was originally in construction with the media center project. Due to scope revisions, the project has been separated and will procure a new contractor. Pending budget and cost estimate review.
The Quest Center	Primary Renovations	Construction	S	No	Original contractual date of substantial completion is 12/7/2019. Delays occurred during construction related to the roofing sub-permit. The project continues to be delayed until the roofing sub-permit is received. Remedy: The construction is estimated to be completed in Q3 2020 pending receipt of the sub-permit.

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► CONSTRUCTION PHASE DELAYS

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Walker Elementary School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 3/19/2020. The project is currently delayed by six months due to the contractor not submitting correct submittals. Delays will continue until the submittals are corrected.
West Broward High School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 11/21/2018. Reason: Delays were experienced during the test and balancing of the HVAC systems. Deficiencies and repairs that were not included in the original scope or funded have been required to complete the project substantial completion. Remedy: Final test and balance report is scheduled for April 2020. Contractor has committed to addressing repairs on this project after completing repairs on other project assignments.
West Hollywood Elementary School	Primary Renovations	Construction	S	Yes	Original contractual date of substantial completion is 3/24/2020. The project is currently delayed by three months. A notice of concern has been issued to the contractor. The pace of construction is not per the original construction schedule submitted by the contractor.
Westchester Elementary School	Primary Renovations	Construction	Ⓢ	No	Original contractual date of substantial completion is 9/18/2020. Project is experiencing delays due to contractor not providing submittals in a timely manner. A notice to cure has been issued in March 2020 to the contractor.

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▶ OTHER

Below are schools with **Primary Renovation schedule flags this quarter due to concerns** outside of the listed categories:

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Attucks Middle School	Primary Renovation - Media Center	Hire Contractor	S	Yes	Reason: Delays occurred during bid and award due to contractor pricing. Remedy: Negotiations with the CSMP Contractor were held and the project is being split into two projects to achieve better pricing. Pending permit review prior to executing proposal and Notice to Proceed from contractor.
Attucks Middle School	Primary Renovation - Roofing	Hire Contractor	S	Yes	Reason: Delays occurred during bid and award due to contractor pricing. Remedy: Negotiations with the CSMP Contractor were held and the project is being split into two projects to achieve better pricing. Pending permit review prior to executing proposal and Notice to Proceed from contractor.
Bennett Elementary School	Primary Renovation	Design	S	Yes	The project included the demolition or renovation of multiple campus buildings. The project is pending a presentation to the Board on demolition or renovation prior to completing the design. Once the decisions are made the project will progress to 100% Construction Documents and then the permitting process.
C. Robert Markham Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays occurred during the bid and award phase. Extensive negotiations were required in order to provide a quality GMP acceptable to the District. Remedy: The CM firm has been terminated due to inability to reach an agreement, and the project will progress with a Design/Bid/Build delivery method. Correction: The percent complete of the bid and award phase has been reduced to 5% to take into account the termination of the CM firm.
Collins Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays occurred during Bid and Award. The CM firm received bids which are over the \$2,000,000 threshold for continuing contracts. Remedy: The Board rejected the separation of the Fire Alarm scope of work. The project will move forward advertising for bids.
Country Isles Elementary School	Primary Renovations	Hire Contractor	S	No	Reason: Delays have occurred during bid and award due to contractor preparation of documentation for execution of the Notice to Proceed. Remedy: Notice to Proceed is scheduled for April 2020.
Deerfield Beach Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays have occurred in the Bid and Award phase. The window replacement and lead based paint abatement is being included in the bid documents. The project was delayed twice during the bid advertisement due to advertisement extension caused by necessary responses to RFI's that would ensure the quality of bidding. Remedy: Bid opening has occurred.
Endeavour Primary Learning Center	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays have been experienced during Bid and Award due to sub-contractor quotes and assembly of the GMP for Board approval. Remedy: Final signatures for the GMP amendment are pending. Board approval of additional funding was received.
Fox Trail Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays have occurred during the bid and award phase. The project reverted back to bid advertisement after changes in scope were required. Remedy: The project is pending Board award of the contractor.

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▶ OTHER

Schools	Project	Phase	Flagged FY20 Q3	Previously Flagged?	Comments
Glades Middle School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays have occurred during the Bid and Award phase due to difficulties in receiving correct quotes from multiple contractors. Remedy: Decisions will be required by the District related to the scope of the project. There is a potential cost savings thru value engineering of the design.
Hollywood Park Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Minor delays have taken place during the design process. Additionally, delays have occurred during bid and award due to issues with the roofing construction documents, which has required a change to the documents and issuing of an addendum to the advertisement for bid. Remedy: Bid opening has taken place. Minor delays being experienced in execution of Notice to Proceed due to the current health crisis.
Mary M. Bethune Elementary School	Primary Renovations	Design	Ⓢ	No	Currently exploring right sizing and scope options per District directive. Project delays will continue until scope decisions are made.
McFatter Technical College, Broward Fire Academy	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays occurred during the permitting process in the design phase. The delays will not be recovered during construction. Remedy: A Letter of Recommendation to Permit has been received. A CSMP contractor has been selected. Update: The CSMP term contract has expired and the project is pending a new CSMP contractor list prior to moving forward with contractor procurement.
Nob Hill Elementary School	Primary Renovations	Hire Contractor	S	Yes	Delays are occurring during bid and award related to the cost estimate of construction. The project is at the threshold cost limit to prevent the use of the continuing contract construction management firm currently on the project. The cost estimate has been reviewed and determined the project would require bidding. Rebid has taken place with new bids from the sub-contractors pending in early April 2020.
Northeast High School	Weight Room	Design	S	Yes	Weight Room to be relocated to a building being renovated in the Primary Renovation. Pending progress on the Primary Renovation prior to execution of the relocation.
Olsen Middle School	Primary Renovations	Hire Contractor	S	Yes	Reason: The project has been put on hold until decisions are made related to enrollment and the scope of work. The current and future enrollment may reduce the amount of buildings that are being utilized.
Pines Lakes Elementary School	Primary Renovations	Hire Contractor	S	Yes	Delays have occurred during the bid and award phase due to negotiations with the CSMP firms. The proposal from the first CSMP firm has been rejected. Pending a proposal from a new CSMP contractor.
Pines Middle School	Primary Renovations	Hire Contractor	S	Yes	Delays have occurred during the bid and award phase due to bidding from the sub-contractors. The Contractor has deemed the bids not acceptable. Rebidding was required and has taken place. The GMP amendment has been approved and the project is pending Notice to Proceed execution.
Sea Castle Elementary School	Primary Renovations	Construction	Ⓢ	Yes	Original contractual date of substantial completion is 11/12/2020. Project is currently on pace. Delays were experienced during the design phase and the bid and award phase which have not been recovered.

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► BUDGET FLAGS

Below are schools with **budget flags this quarter:**

Schools	Project	Flagged FY20 Q3	Previously Flagged?	Comments
Country Isles Elementary School	Primary Renovations	B	No	Additional funding of \$681,660 was approved by the Board on 1/14/2020 in conjunction with the approval to award the construction agreement for the project to the CSMP contractor.
Davie Elementary School	Primary Renovations	B	No	Additional funding of \$2,220,700 was approved by the Board on 3/3/2020 in conjunction with the approval to award the construction agreement for the project.
Eagle Point Elementary School	Primary Renovations	B	No	Additional funding of \$1,325,450 was approved by the Board on 2/4/2020 in conjunction with the approval to award the construction agreement for the project.
Endeavour Primary Learning Center	Primary Renovations	B	No	Additional funding of \$1,403,790 was approved by the Board on 1/14/2020 in conjunction with the approval to award the construction agreement for the project.
Hollywood Park Elementary School	Primary Renovations	B	No	Additional funding of \$2,780,250 was approved by the Board on 2/19/2020 in conjunction with the approval to award the construction agreement for the project.
Lauderdale Manors Early Learning and Resource Center	Primary Renovations	B	No	Additional funding of \$3,976,444 was approved by the Board on 3/31/2020 in conjunction with the approval to award the construction agreement for the project.
New River Middle School	Primary Renovations	B	No	Additional funding of \$2,082,600 was approved by the Board on 2/19/2020 in conjunction with the approval to award the construction agreement for the project.
Norcrest Elementary School	Primary Renovations	B	No	Additional funding of \$1,072,500 was approved by the Board on 1/14/2020 in conjunction with the approval to award the construction agreement for the project.
North Lauderdale Pre K - 8	Primary Renovations	B	No	Additional funding of \$1,093,350 was approved by the Board on 1/14/2020 in conjunction with the approval to award the construction agreement for the project to the CSMP contractor.
Piper High School	Primary Renovations	B	No	Additional funding of \$5,570,400 was approved by the Board on 2/4/2020 in conjunction with the approval to award the construction agreement for the project.
Plantation Middle School	Primary Renovations	B	No	Additional funding of \$3,188,300 was approved by the Board on 3/3/2020 in conjunction with the approval to award the construction agreement for the project.
Ramblewood Middle School	Primary Renovations	B	No	Additional funding of \$2,334,241 was approved by the Board on 2/19/2020 in conjunction with the approval to award the construction agreement for the project.
Tedder Elementary School	Primary Renovations	B	No	Additional funding of \$1,027,616 was approved by the Board on 3/31/2020 in conjunction with the approval to award the construction agreement for the project.

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SINGLE POINT OF ENTRY



The safety and security of students and staff at all Broward County Public schools remains a central focus of the SMART Program.

SINGLE POINT OF ENTRY AT ALL SCHOOLS ARE COMPLETE AND WERE OPERATIONAL BY THE START OF THE 2019 SCHOOL YEAR.

Due to the sensitive nature of the projects and concerns for safety, the Bond Oversight Committee (BOC) Report no longer includes details about the individual statuses of Single Point of Entry (SPE) projects.

SINGLE POINT OF ENTRY SUMMARY

Data through March 31, 2020



Comparison of previously reported data: **December 31, 2019**

BOARD ACTIONS

QUARTERLY RECAP

As projects move through the Design and Construction phases, key milestones along the way require School Board approval. These milestones include the selection of a Design team, the approval of the Professional Services Agreement (PSA) between the Design team and the District, authorization to advertise for a contractor, and approval of the agreement written for the selected contractor.

Below are projects that achieved a milestone last quarter:

January 1, 2020 – March 31, 2020

41 BOARD ACTIONS

ADVERTISE FOR CMAR

Board approves process of seeking RFQs for construction management at risk services

0

Previously Reported: 8

No requests to Advertise for a CMAR were submitted for approval.

ADVERTISE FOR BIDS

Board approves process of seeking bids from contractors

10

Previously Reported: 5

- C. Robert Markham Elementary School
- Cooper City Elementary School
- Crystal Lake Middle School
- Gulfstream Academy of Hallandale Beach K-8 (*f.k.a. Hallandale Elementary School*)
- Gulfstream Early Learning Center of Excellence
- Margate Elementary School
- Park Trails Elementary School
- Silver Palms Elementary School
- Tradewinds Elementary School
- Westglades Middle School

BID RECOMMENDATIONS

Board approves a bid from a contractor after review and evaluation (ITB delivery method).

10

Previously Reported: 8

- Davie Elementary School
- Eagle Point Elementary School
- Hollywood Park Elementary School
- Lauderdale Manors Early Learning and Resource Center
- New River Middle School
- Norcrest Elementary School
- Piper High School
- Plantation Middle School
- Ramblewood Middle School
- Tedder Elementary School

BOARD ACTIONS QUARTERLY RECAP

CONTINGENCY FUNDS

Board approves the directive or change in allocation of contingency funds

2

Falcon Cove Middle School
Stranahan High School

CMAR AMENDMENTS

Board approves amendment to contract with recommended CMAR

1

Previously Reported: 0

Sea Castle Elementary School

ADDITIONAL FUNDING

Board approves additional funding

3

Previously Reported: 1

Country Isles Elementary School
North Lauderdale Pre K-8 (f.k.a. North Lauderdale Elementary School)
Endeavour Primary Learning Center

PSA AMENDMENTS

Board approves modifications to the original scope and/or service fees

4

Previously Reported: 6

Blanche Ely High School (2 & 3)
Cypress Bay High School
Stranahan High School

TERMINATIONS

Board approves Termination of a Designer of Construction Manager

2

C. Robert Markham Elementary School
Western High School

CHANGE ORDERS

Board approves change in scope that do not have financial impact this quarter

7

Previously Reported: 2

Annabel C. Perry Pre K-8
Coconut Creek Elementary School (2 & 3)
Cypress Elementary School
Miramar Elementary School (1 & 2)
Morrow Elementary School

COMPLETE

Board approves Final Change Order, Final Acceptance & Final Release of Retainage

2

Palm Cove Elementary School
Silver Shores Elementary School

CHANGE ORDERS

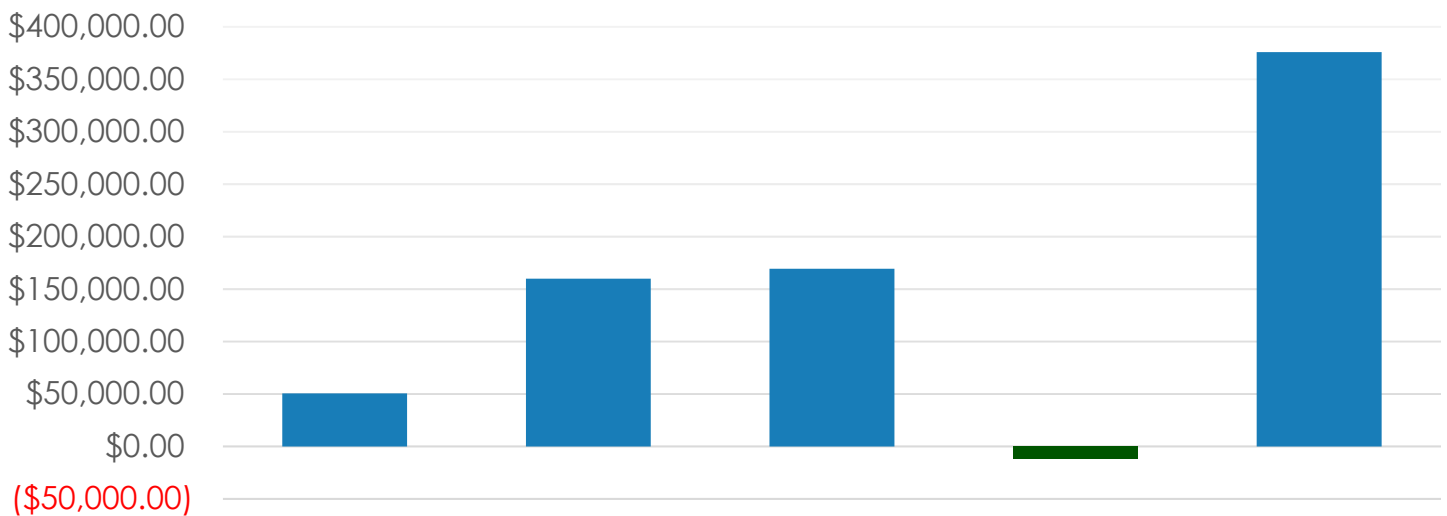
TRACKING AND REPORTING CHANGE ORDERS

As projects continue to move from Design to Construction, the SMART team has committed to tracking Change Orders as they occur and reporting on their relative impact.

- ▶ Change orders are currently tracking at **0.165%** of the total construction contract value.
- ▶ Unforeseen circumstances represent most Change Orders
- ▶ Cost savings through Owner Requests and Tax Savings are likewise tracked and reported

	Consultant Error	Consultant Omission	Owner Request	Tax Savings	Unforeseen Conditions
Change Orders (transferred from budgeted contingencies)	\$50,570.00	\$159,924.00	\$169,378.56		\$375,813.00
Credit (dollars returned to the project)				(\$12,360.69)	

CHANGE ORDER FIGURES BY SOURCE



CHANGE ORDERS

CHANGE ORDER AMOUNT BY PROJECT NAME		
PROJECT NAME	CHANGE ORDER AMOUNT	% OF CONSTRUCTION CONTRACT VALUE
Annabel C. Perry Pre K-8 – GOB renovations	\$5,608.00	0%
Boyd Anderson HS – Media center remodeling	\$87,081.00	11%
Charles W. Flanagan HS – SMART Program Renovations	\$45,149.00	0%
Coconut Creek ES – Building renovations	\$106,136.00	3%
Cross Creek School – Single Point of Entry – SMART Program	\$2,030.00	1%
Cypress ES – SMART building renovations	\$127,872.00	5%
Eagle Ridge ES – GOB renovations	\$113,887.00	5%
Indian Ridge MS – GOB renovations	\$32,409.00	1%
Lake Forest ES – Repair roof on building 4	\$11,222.31	3%
Lauderdale Lakes MS – Building renovations	\$96,380.00	2%
Lauderhill 6-12 STEM-MED Magnet School – Single Point of Entry – SMART Program	\$13,744.00	6%
Manatee Bay ES – SMART Program renovations	\$82,083.00	4%
McNicol MS – SMART Program renovations	\$23,508.00	3%
Miramar ES – GOB renovations	\$3,243.00	0%
Morrow ES – SMART Program renovations	\$5,458.00	0%
Olsen MS – Single Point of Entry – SMART Program	\$11,588.00	7%
Royal Palm STEM Museum Magnet – Single Point of Entry – SMART Program	\$2,870.00	2%
South Plantation HS – Single Point of Entry – SMART Program	\$7,048.00	4%
Tequesta Trace MS – Single Point of Entry – SMART Program	\$22,436.00	16%
Village ES – Single Point of Entry – SMART Program	\$4,600.00	3%
Westpine MS – Single Point of Entry – SMART Program	\$8,871.00	5%
William E. Dandy MS – Single Point of Entry – SMART Program	\$7,508.00	4%
Subtotal (transferred from budgeted contingencies)	\$820,731.31	N/A
Forest Hills ES – HVAC upgrade/ replacement	(\$7,727.00)	(1%)
Parkway MS – Roof replacements on buildings 22 & 24	(\$12,354.44)	(2%)
Miramar HS – Single Point of Entry – SMART Program	(\$17,585.00)	(9%)
Stranahan HS – GOB renovations	(\$39,740.00)	(9%)
Subtotal (dollars returned to the project)	(\$77,406.44)	N/A

Figures in green represent Change Orders that resulted in dollars returned to the projects.

Figures in blue represent Change Orders that required a transfer from budgeted contingencies.

CHANGE ORDERS

Included below is a breakdown of the change orders that have been received during this quarter along with the board date, change order amount, reason and description.

Project Name: Annabel C. Perry Pre K-8 – GOB Renovations				
Board Approval Date	Change Order Amount	Percent Change	Reason	Description
Total	5,608.00	0.15%		
02.04.2020	5,608.00	0.15	Consultant Omission	ADDITIONAL CONDENSATE PUMPS AND CONDENSATE LINES: Two (2) new condensate pumps and lines were needed due to the new location for the air handler units (AHU). AHU 1-3 and AHU 1-4 required a pump, as there were no existing drains that could be utilized

Project Name: Coconut Creek ES – GOB Renovations				
Board Approval Date	Change Order Amount	Percent Change	Reason	Description
Total	106,136.00	2.81%		
01.14.2020	52,305.00	1.38	Owner Request	Voice Evacuation System Switchover: Fire alarm specification 13845 was updated during construction. Due to update to the specification, the new fire alarm system was required to include the voice evacuation system.
01.14.2020	-4,649.00	(0.12)	Owner Request	Additional Speaker Strobes in the Cafeteria: During final fire alarm inspection walkthrough, it was discovered that the system was not loud enough in the cafeteria. As required by the Authority Having Jurisdiction (AHJ), additional speaker strobes were installed in cafeteria.
02.04.2020	17,714.00	0.47	Owner Request	Remote Command Center: Additional labor and material are required for the new remote command center with associated wiring to be installed in the cafeteria, as per direction by the District's Chief Fire Official.
02.04.2020	14,647.00	0.39	Owner Request	Positive Alarm Sequence: Additional labor, material, and programming are required for the fire alarm scope of work in order to program the positive alarm sequence as per direction by the District's Chief Fire Official.
02.04.2020	4,728.00	0.12	Owner Request	Annunciate Buildings Separately: Additional labor, material, and programming are required for the fire alarm scope of work in order to allow buildings to annunciate separately, as per direction by the District's Chief Fire Official.
02.04.2020	5,559.00	0.15	Owner Request	Fire Alarm Devices in Restroom 111 and 112: Additional labor and material are required in order to install Fire Alarm Devices amid the change in Fire Alarm Specifications. Devices were not required for voice evacuation systems. Due to the specification change, the devices were required to be removed and reinstalled to obtain occupancy for school opening.
02.04.2020	-1,967.00	(0.05)	Owner Request	Credit for Fire Alarm Labor Hours: Credit from Fire Alarm Contractor for the Labor Hours related to Fire Alarm Scope.

CHANGE ORDERS

Project Name: Cypress ES - SMART Building Renovations

Board Approval Date	Change Order Amount	Percent Change	Reason	Description
Total	127,872.00	4.49%		
02.04.2020	11,664.00	0.41	Consultant Omission	Gooseneck Vents: Provide labor, materials, and equipment to install seventeen (17) gooseneck vents in order to obtain final roofing inspection. Vents were identified as needing replacement prior to receiving final inspection for roofing.
02.04.2020	65,855.00	2.32	Owner Request	Inline Fans: Provide labor, materials, and equipment to install seven (7) inline fans and seven (7) motorized dampers. Test and Balance identified this equipment as not functional and required correction for HVAC systems to function properly.

Project Name: Miramar ES - GOB Renovations

Board Approval Date	Change Order Amount	Percent Change	Reason	Description
Total	3,243.00	0.07%		
02.04.2020	8,538.00	0.18	Consultant Omission	SIGNAGE FOR NEW DOORS: Labor and material to provide replacement of signage for new doors that were installed. The existing signs were brittle and could not be salvaged during demolition. Temporary signage had to be ordered due to time frame to get the permanent signage so the school could open on August 16, 2019.
02.04.2020	-5,295.00	(0.11)	Consultant Error	DELETE LABOR AND MATERIAL SCOPE: Credit for deletion of labor and materials to supply and install four (4) louvres in Building 6. Existing four (4) louvres in Building 6 were found to be in good condition by PPO and did not require replacement.

Project Name: Morrow ES – SMART Program Renovations

Board Approval Date	Change Order Amount	Percent Change	Reason	Description
Total	5,458.00	0.45%		
02.04.2020	5,458.00	0.45	Consultant Omission	Addition of media center electrical scope: The media center electrical scope was not included with the Construction Documents. These specifications are a requirement to complete the work.

QUESTIONS & ANSWERS

We're taking this opportunity to formally address questions and requests that were brought up at prior BOC meetings, BOC workshops and in TaxWatch Reports.

Q: At what phase do schools have the breakdown of hard costs versus soft costs reported?

A: The breakdown of Hard Costs vs. Soft Costs are available once a project has reached final completion. Moving forward, the Hard Costs vs. Soft Costs Report will continue to be updated and provided in all subsequent BOC reports providing a breakdown of the hard cost and soft cost spent for fully completed Primary Renovation projects.

Q: Identify actions taken by the District to enforce the terms and conditions of contracts with design firms, vendors, and contractors. This should include the name of the vendor, the action(s) taken, and the reason for the action(s).

A: Beginning with the FY20 Q2 BOC Report (quarter ending December 31, 2019), Facilities will include a report listing the vendor name, action taken, reason for action, and the amount of the credit.

Q: Provide additional information about the change orders due to consultant error, consultant omission, and unforeseen circumstances.

A: A more detailed Change Order Log with a description of each Board approved change order is provided in this report will be provided in subsequent reports.

QUESTIONS & ANSWERS

Q: Provide reasons for terminating Gilbane as the Construction Manager, and on the status of procuring a new Construction Manager.

A: The Construction Manager (Gilbane) was terminated from the Northeast High School Primary Renovation project on June 25, 2019 due to an inability to reach an agreement on the GMP. After the close of the quarter, the Board approved a Construction Agreement with Pirtle Construction Company to replace Gilbane as the Construction Manager on August 13, 2019.

Q: Identify design firm contracts terminated to date, including reasons for termination and the schools where these firms were working.

A: To date, only one design firm has been terminated (LIMCO Engineering, inc). LIMCO Engineering Inc. was experiencing significant delays in the preparation of design documents for five (5) of their six (6) assigned projects. In an effort to mitigate further delays, the District, Program Management team, and Procurement and Warehousing Services (PWS) met with LIMCO several times to resolve concerns. After multiple meetings between the parties, no improvement had been realized. As a result, it was determined that the best course of action for both parties would be to terminate the five (5) projects for convenience in lieu of cause, conditioned upon specific terms set forth in the Termination Agreement. On April 23, 2019, the Board approved the Termination Agreement.

Included below are the list of schools that were assigned to LIMCO along with their current status:

SCHOOL NAME	CURRENT STATUS
Hollywood Hills Elementary School	Approved a PSA with The Tamara Peacock Company Architects of Florida, Inc. on 08/20/2019
Indian Trace Middle School	Approved a PSA with LIVS Associates, LLC on 9/4/2019
North Andrews Gardens Elementary School	Approved a PSA with The Tamara Peacock Company Architects of Florida, Inc. on 08/20/2019
Tequesta Trace Middle School	Approved a PSA with LIVS Associates, LLC on 9/4/2019
Wilton Manors Elementary School	Approved a PSA with Rodriguez Architects, Inc. on 06/25/2019

QUESTIONS & ANSWERS

Q: Provide and explain the liquidated damages/financial penalties provisions contained in the new PSAs with design firms.

A: Professional Service Agreements issued in the early stages of the program include enforceable damages for delays however, they do not include specific language about financial penalties. Later agreements include specific language outlining penalties for missing the contracted completion date and multiple resubmittals for permitting.

Included below are the contract clauses from current PSAs pertaining to delays and multiple resubmittals:

- ▶ 2.1.7 Penalty for Non-Conforming Design Documents: Should the Project Consultant submit drawings, plans, specifications or other documents or materials for review as required herein that are deemed unacceptable as defined by the terms "Revise and Resubmit" by the plan review authority (Building Department, Design Services Department, Peer Plan Review Consultant), the costs, as solely determined by the Owner, for all subsequent reviews after the second review for that Phase shall be borne by the Project Consultant and the Owner will deduct such costs from the Project Consultant's Basic Services Fee.
- ▶ 10.1.3 Time for Performance: The Project Consultant agrees to start all work hereunder upon receipt of an Authorization to Proceed issued by the Chief Facilities and Construction Officer or his designee and to complete each Phase within the time stipulated in the Authorization To Proceed (Attachment 6 to this Agreement ("ATP")) and as required by the Project Schedule (Attachment I to this Agreement). The Project Consultant acknowledges that failure to perform timely may cause the Owner to sustain loss and damages and will be responsible for same. The Consultant agrees that Owner is entitled to recover no less than One Hundred Dollars (\$100) per consecutive calendar day of unexcused delay caused by the Consultant's failure to comply with the times set forth in the fully executed ATP. Owner shall have the right to deduct such amounts from payments due and owing to the Consultant.

Q: Provide a brief explanation on the continued viability of the current facilities construction schedule, as well as other likely scenarios and construction schedules.

A: The Program Management Team continues to evaluate the multiple factors impacting the schedule. It was presented to the Board at a recent workshop on February 11, 2020 that roofing continues to be the greatest challenge facing the SMART Renovation Program. Once more data from roofing is available, the results, recommendations and mitigating strategies will be shared with the School Board and subsequently included in the BOC Report.

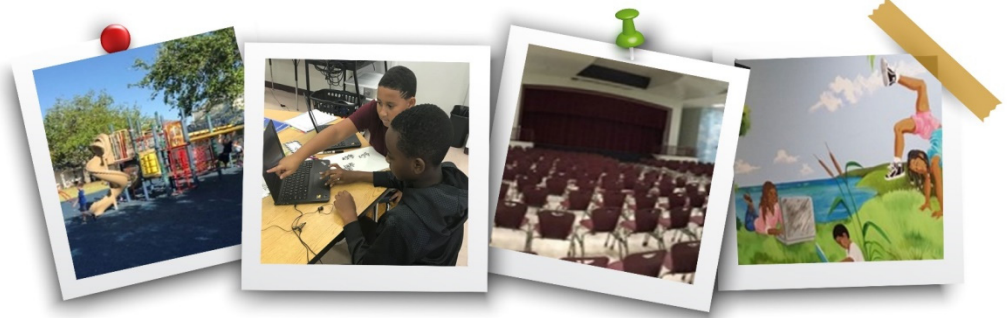
Section 5

Facilities Sub-Section



SCHOOL CHOICE ENHANCEMENT PROGRAM (SCEP)

SCEP HIGHLIGHTS & QUARTERLY RECAP



36



SCHOOLS COMPLETE THIS QUARTER

Schools that have joined the list of those with fully **complete** SCEP enhancements since the last quarter's update

124



SCHOOLS COMPLETE TO-DATE

All SCEP items have been both **delivered and installed**, with a SCEP fund balance of **5% or less remaining** to be spent

1,384



TOTAL SCEP ITEMS TO-DATE

All items that have been **delivered and installed** at schools districtwide

230






SCHOOLS UNDERWAY OR COMPLETE

Representing **all schools in Funding Years 1-5**

HIGHLIGHTS & QUARTERLY RECAP

With all SCEP projects now active or complete, schools across the District are beginning to make the most of their upgrades.

	PREVIOUS QUARTER ENDING DECEMBER 31, 2019	CURRENT QUARTER ENDING MARCH 31, 2020
 <p>1 Planning/ Design</p>	32	25
 <p>2 Implement Improvements</p>	110	81
 <p>3 Improvements Complete</p>	88	124
TOTAL	230 SCHOOLS	230 SCHOOLS

Although many schools have received a significant portion of their SCEP items to date, projects officially remain in the **Implement Improvements** phase until all items have been **delivered and installed**.

NEWLY COMPLETED SCHOOLS

A new process has been implemented to determine a school's completion status in the School Choice Enhancement Program. Previously, schools that received all selected items remained in the Implementation phase until they could decide how to spend the remainder of their SCEP funds, delaying official completion.

Projects will still follow the three phased process for voting on items; however, **a school must now reach the following criteria to be considered complete:**

- ▶ Delivery of all items selected in voting
- ▶ A balance of 5% or less remains

Based on this new criteria, **36 schools have completed their School Choice Enhancements this quarter**, bringing the total number of complete schools in the program to 124.

PREVIOUSLY REPORTED



6 schools
COMPLETE



NEW CRITERIA IMPLEMENTED



36 schools
COMPLETE

TECHNOLOGY ENHANCEMENTS THROUGH SCEP

Though technological enhancements are distributed to schools as part of the SMART Program, many schools have decided to use their School Choice Enhancement funds on additional technology.

Over **11,700** technology items distributed to schools as of March 2020 including:



11,537 Lenovo computers



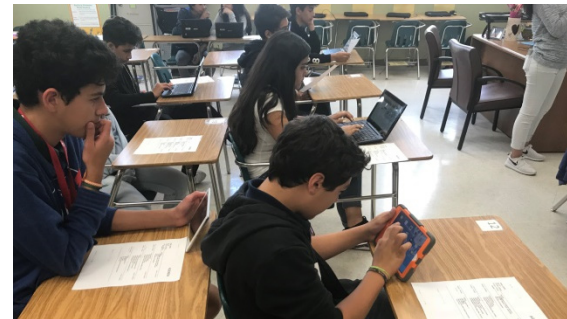
199 Apple iPads

\$6,079,763 in SCEP funds spent on technology including:

- ▶ Promethean boards
- ▶ Document cameras
- ▶ Printers
- ▶ Two-way radios
- ▶ Computers
- ▶ Security cameras
- ▶ Testing equipment
- ▶ Projectors



Promethean Board



Lenovo laptops & Apple iPads



Auditorium Projector

FEATURED SCEP PROJECTS COMPLETED THIS QUARTER



BROADVIEW ELEMENTARY SCHOOL

(District 4)

- **Delivered:** Digital marquee, classroom rugs, playground upgrades, laptops, mini HDMI, adapters



CYPRESS ELEMENTARY SCHOOL

(District 3)

- **Delivered:** Picnic tables, furniture for student service area, teacher workroom renovation, playground PIP, digital marquee



GRIFFIN ELEMENTARY SCHOOL

(District 6)

- **Delivered:** Projectors, student computers, document cameras, digital marquee, new structure for Pre K-2 playground, tables, cafe stack chairs, 2-seat sofa arm chairs

FEATURED SCEP PROJECTS COMPLETED THIS QUARTER



JAMES S. RICKARDS MIDDLE SCHOOL

(District 3)

Delivered: Digital marquee, laminator, floor mats, outdoor bleachers, TVs, clay extruder, 2-way radios, indoor furniture, projectors, dehumidifier, laptops, electric Strike for SPE



MIRAMAR HIGH SCHOOL

(District 2)

- Delivered:** Additional parking spaces, golf cart, security cameras, scrubber machine, protective mats for gym floor, canopy fabric, auditorium painting and signage for gym & stadium



SILVER LAKES ELEMENTARY SCHOOL

(District 2)

- Delivered:** Pre K-2 playground with shade and PIP surfacing

SCHOOL CHOICE IN ACTION: PLANTATION ELEMENTARY SCHOOL

Plantation Elementary School was one of the latest schools to reach the finish line for its School Choice Enhancement Program, with all chosen items delivered and installed.

Upgrades include **a digital marquee, front office furniture, stackable chairs, golf carts, electric strikes, cafeteria sound system and stage curtains, and outdoor benches.**



**GOLF
CARTS**



**STACKABLE
CHAIRS**



**CAFETERIA
STAGE CURTAIN**



**CAFETERIA
SOUND SYSTEM**

The new digital marquee will come as a welcome upgrade to the traditional reader board previously used for relaying announcements and important messages. With the marquee, messages can be updated through digital software, making timely updates to the community as easy as changing a Facebook status.

Compared to other enhancements, front office restructuring may not seem like the most significant upgrade on paper, but the benefits are undeniable. The front office is often the first thing visitors see on campus and sets the tone for the rest of the school. The new furniture in the waiting area now includes chairs for the reading nook and a couch stocked with plenty of entertainment to keep a waiting child well-occupied.

The SMART Program continues to supply schools, students, and staff across the District with the resources needed to enhance the educational experience.



STUDENT BENCHES



DIGITAL MARQUEE



FRONT OFFICE FURNITURE

SUMMARY OF SCEP PROJECTS: COMPLETE

124 SCHOOLS COMPLETE

SCHOOL NAME	DISTRICT	STATUS
Annabel C. Perry Pre K - 8 (f.k.a. Annabel C. Perry Elementary)	1	Delivered: Front office renovation, student laptops, golf cart, athletics equipment, outdoor furniture, digital marquee, floor mats, front door wrap, minifridge, presentation cabinets and chain link fence artwork
Atlantic Technical High School & Technical College	7	Delivered: Furniture/renovation for the media center
Atlantic Technical, Arthur Ashe, Jr Campus	5	Delivered: Renovation/furniture for the media center
Attucks Middle School	1	Delivered: Front office renovation, murals, facilities equipment, technology, lab remodeling, media center upgrade, LCD projectors and an interior audio system
Bair Middle School	5	Delivered: Projector, portable sound system, cafeteria sound system, indoor office furniture, laptops and an Earthwalk cart
Bayview Elementary School	3	Delivered: Cafeteria sound system, printers, poster maker, parking stanchions, furniture (tables, chairs for 3rd, 4th & 5th grade) & cafeteria projector cage, LCD panel assembly touch screen, AC adapter, 4-cell battery In Progress: Laptops
Beachside Montessori Village	1	Delivered: Music equipment, athletic equipment, math and science equipment, portable sound system, cafeteria audio system, microscopes, cabinets and laptops

SUMMARY OF SCEP PROJECTS: COMPLETE

124 SCHOOLS COMPLETE (contd.)

SCHOOL NAME	DISTRICT	STATUS
Blanche Ely High School	7	Delivered: Media backdrop, indoor tables, bracket kits with ActivBoards, projectors, tables, chairs, science equipment, digital classroom upgrades, heart models, podium, laptops and adaptors In progress: Laptop 100e
Boyd H. Anderson High School	5	Delivered: Recordex, sound system for the Gymnasium, laptop cart with 30 laptops, portable sound system, roof for visitor's dugout, lockers, golf carts and gym wall pads
Broadview Elementary School	4	Delivered: Digital marquee, classroom rugs, playground upgrades & equipment, laptops, mini HDMI and adapters
C. Robert Markham Elementary School	7	Delivered: Furniture (student desks, chairs, cafeteria tables, front office furniture) and water bottle filling stations
Castle Hill Elementary School	5	Delivered: Mimio boards, murals, cafeteria sound system, projector, TVs, TV production studio, classroom furniture, digital marquee and projector screen
Charles Drew Elementary School	7	Delivered: Portable PA system, trash cans, murals, two-way radios, (20) projectors, golf carts, cafeteria sound system, floor mats, traffic cones, stage curtains, office furniture and picnic tables
Charles Drew Resource Center	7	Delivered: Front office renovation, microphones, office furniture, (8) Elmo boards, (6) speakers, printers, outdoor benches & (12) ThinkPad's
Coconut Creek Elementary School	7	Delivered: TVs, playground upgrades, outdoor benches and table

SUMMARY OF SCEP PROJECTS: COMPLETE

124 SCHOOLS COMPLETE (contd.)

SCHOOL NAME	DISTRICT	STATUS
Coconut Creek High School	7	Delivered: Projectors, auditorium sound system, cafeteria tables, laptop carts, laptops, projector screen and auditorium projector In progress: Laptop 100E
Coconut Palm Elementary School	2	Delivered: PIP rubber surfacing, basketball shade structure, Aiphone submaster station, Recordex, (2) AC adapters and laptops
Collins Elementary School	1	Delivered: Document cameras, printers, outdoor bulletin boards, two-way radios, projector screen, murals, laptops, Recordex, digital marquee
Coral Cove Elementary School	2	Delivered: (46) LCD projectors ceiling mounted
Coral Springs High School	4	Delivered: ThinkPad's, earth walk carts, printers and projectors
Country Isles Elementary School	6	Delivered: Sand replacement with PIP surfacing in K-2 & 3-5 play areas
Cypress Bay High School	6	Delivered: Projectors, (112) printers, projector in auditorium, (4) Recordex and office furniture
Cypress Elementary School	3	Delivered: Picnic tables, furniture for student service area, teacher workroom renovation, Playground PIP and digital marquee
Cypress Run Education Center	7	Delivered: Staff and student laptops, computers for other areas such as computer lab, TV production, laptops and USB drives
Dave Thomas Education Center - East	7	Delivered: Lenovo laptops, digital marquee and front office furniture

SUMMARY OF SCEP PROJECTS: COMPLETE

124 SCHOOLS COMPLETE (contd.)

SCHOOL NAME	DISTRICT	STATUS
Dave Thomas Education Center - West	7	Delivered: Reconstructing of Room 202, Technology items, outdoor furniture, Recordex and Wall wraps
Davie Elementary School	6	Delivered: Laptops, desktops, Earthwalk carts, printers, reading tables, cafeteria system upgrades, stage curtains, teacher lounge upgrade, classroom rugs, Recordex & teacher lounge updates - (Conference table - Cabinets - presentation board - 2 leather seating - 6 black leather chairs - 5 leather fabric), iPads and HDMI
Dillard 6-12 School	5	Delivered: Poster maker, 3D printer, student laptops, chairs, furniture, golf carts and digital marquee
Dolphin Bay Elementary School	2	Delivered: Projectors, morning announcement studio equipment, Recordex, laptops, ThinkPads, new playground upgrades and new play equipment Pre-K play area
Driftwood Middle School	1	Delivered: Golf carts, indoor furniture for the computer lab (tables, chairs, storage cabinets, bookcases), vacuum and athletic equipment
Dr. Martin Luther King, Jr. Montessori Academy	5	Delivered: Interiors murals, outdoor benches, laptop computers, teachers' laptops, printers, promethean boards and digital marquee
Eagle Point Elementary School	6	Delivered: Portable PA system, PIP rubber surfacing and Recordex
Eagle Ridge Elementary School	4	Delivered: PIP resurfacing and morning show equipment

SUMMARY OF SCEP PROJECTS: COMPLETE

124 SCHOOLS COMPLETE (contd.)

SCHOOL NAME	DISTRICT	STATUS
Embassy Creek Elementary School	6	Delivered: Student laptops, classroom projectors ceiling mounted, cafeteria partitions, window blinds & (7) laptops
Everglades High School	2	Delivered: Laptops, (6) printers, Aiphone & strike
Fairway Elementary School	2	Delivered: Color poster maker, two-way radios, projectors, document cameras, morning show equipment, sound stage projector, cafeteria sound system, microphones for the sound system, laptops, digital marquee, adaptors, TV installation, desktop
Falcon Cove Middle School	6	Delivered: Student laptops and Recordex
Flamingo Elementary School	6	Delivered: Partial replacement of sand with PIP rubber in the playground, golf cart, iPad and laptops
Forest Glen Middle School	4	Delivered: Murals, computer lab furniture, TV studio equipment, library remodeling and gym bleachers
Forest Hills Elementary School	4	Delivered: Replace sand in both play areas with PIP rubber, digital marquee, internal cell battery, (3) Lenovo laptops
Fort Lauderdale High School	3	Delivered: Golf carts, digital scoreboard tables, digital marquee and outdoor concrete patio tables
Gator Run Elementary School	6	Delivered: Apple iPads, media center furniture, kindle fire for classroom use, teacher chairs, Recordex Interactive Systems, electric door strikes and proximity pads

SUMMARY OF SCEP PROJECTS: COMPLETE

124 SCHOOLS COMPLETE (contd.)

SCHOOL NAME	DISTRICT	STATUS
Glades Middle School	2	Delivered: Apple iPads, books, tablets, Recordex, laptops, P.E. equipment, camera for TV production system, technology supplies and HDMI cables
Griffin Elementary School	6	Delivered: Projectors, student computers, document cameras, digital marquee, new structure for Pre-K-2 playground, tables, cafe stack chairs, 2-Seat sofa armchairs
Gulfstream Academy of Hallandale Beach (fka: Hallandale Adult & Community Center)	1	Delivered: Student laptops, carts and murals
Hawkes Bluff Elementary School	2	Delivered: Student chairs, LCD projector, primary playground upgrades, classroom blinds & shade structure
Henry D. Perry Education Center	1	Delivered: Indoor furniture, cafeteria tables, students chairs, desks, laptop carts
Hollywood Hills High School	1	Delivered: Two-way radios, front office furniture, chairs, plastic tables, trophy cases, conference, chairs and guidance room furniture
Hollywood Park Elementary School	1	Delivered: Cafeteria LCD projector, laptops, speakers control center and playground upgrades
Horizon Elementary School	5	Delivered: Badge maker, outdoor PA system, printers, classroom rugs, Recordex, digital poster maker, laptops, (10) laptop carts, morning show equipment, (11) reading tables
Indian Ridge Middle School	6	Delivered: Printers, computers for both staff and students

SUMMARY OF SCEP PROJECTS: COMPLETE

124 SCHOOLS COMPLETE (contd.)

SCHOOL NAME	DISTRICT	STATUS
Indian Trace Elementary School	6	Delivered: Re-keying of the campus, electric strike and playground upgrades
James S. Rickards Middle School	3	Delivered: Floor mats, outdoor metal bleachers, flat screen TVs, clay extruder, two-way radios, indoor furniture, projectors, dehumidifier, Laptops, tables for teacher's lounge, chairs, laminator, electric strike for the new SPE and digital marquee
Lanier-James Education Center	1	Delivered: School study carrels, laptops, weight room equipment, media center furniture and digital marquee
Lauderdale Manors Early Learning and Resource Center	5	Delivered: Chairs, tables, two golf carts, cafeteria furniture, laptops, facilities equipment, marquee sign letters, bulletin boards, outdoor benches, microwave, lectern with mics, furniture, two-way radios, printer, toner, fan, table, refrigerator, door wraps, power chargers, first aid kits, playground upgrades, portable air pump and tire inflator
Lauderhill Community School at Park Lakes Learning Center (f.k.a. Castle Hill Annex)	5	Delivered: Radios, (32) Lenovo M720q Desktops and (4) 30 Unit L380 laptop carts
Liberty Elementary School	7	Delivered: Chairs, (64) TVs for the classrooms, cafeteria sound system, media TV production system and digital marquee
Lloyd Estates Elementary School	3	Delivered: Two-way radios, poster maker, LCD projectors, digital cameras and (12) Recordex

SUMMARY OF SCEP PROJECTS: COMPLETE

124 SCHOOLS COMPLETE (contd.)

SCHOOL NAME	DISTRICT	STATUS
Manatee Bay Elementary School	6	Delivered: 6' benches with canopies, computers, carts, robotics material, two-way radios, printers, storage shelving, shade structure for the playground, media production upgrade and classroom tables
Maplewood Elementary School	4	Delivered: Stage sound system, projector & playground shade structure and PIP In Progress: Remaining balance on hold until media center renovation is complete
McFatter Technical High School & Technical College	6	Delivered: Recordex, laptops, publishing speed treater equipment, (6) cameras (video and still) for photography and digital media and stage lighting
McFatter Technical College, Broward Fire Academy	6	Delivered: Forklift, breathing apparatus and cylinder
McNicol Middle School	1	Delivered: (500) auditorium chairs, sound system for the gym, projectors, pass through and Epson equipment and chairs
Millennium 6-12 Collegiate Academy	4	Delivered: Document cameras, chemistry equipment, media center furniture and Recordex
Miramar Elementary School	1	Delivered: Student laptops, safety cones, document cameras, stage curtains, cafeteria sound system, picnic tables, cafeteria blinds, office furniture and digital marquee
Miramar High School	2	Delivered: Golf cart, security cameras, scrubber machine, protective mats for gym floor, canopy fabric, auditorium painting, signage for gym/stadium and additional parking spaces

SUMMARY OF SCEP PROJECTS: COMPLETE

124 SCHOOLS COMPLETE (contd.)

SCHOOL NAME	DISTRICT	STATUS
Mirror Lake Elementary School	5	Delivered: Laptops, printers, portable PA system, partial P.E. equipment, classroom furniture, music (Instruments, lighting, and audio visual) and athletic equipment
New River Middle School	3	Delivered: Projectors for the auditorium, digital video board, camcorder, digital marquee, laptops, EarthWalk carts, cart wiring, EarthWalk carts, desktops and external hard drive
Norcrest Elementary School	7	Delivered: Document cameras, student laptops, PIP rubber surfacing replacement and two-way radios
North Side Elementary School	3	Delivered: Printers, student laptops, Recordex, window blinds, main office furniture, two-way radios, partial office furniture and murals
Nova High School	6	Delivered: Laptops carts, student laptops, technology items, printers, active slates, turf for the field enhancement, scoreboards and Active Hubs
Nova Middle School	6	Delivered: Teacher chairs, laptops, desktops, ThinkPad and broadcasting system
Oakridge Elementary School	1	Delivered: Marquee letters, classroom carpets, vacuums, wax machine, printers, testing kits, iPad tablets and Recordex
Olsen Middle School	1	Delivered: Laptops, computer carts, printers, student desks and chairs
Orange Brook Elementary School	1	Delivered: Laptops, carts, furniture, printers, Epson air filters, portable PA, digital marquee, HDMI, wireless keyboards, DVD burner, headphones and iPad covers

SUMMARY OF SCEP PROJECTS: COMPLETE

124 SCHOOLS COMPLETE (contd.)

SCHOOL NAME	DISTRICT	STATUS
Oriole Elementary School	5	Delivered: Classroom rugs, student tables & chairs, two-way radios, projectors, outdoor mats, teachers chairs, cafeteria sound system, cone safety, vests, storage carts, reflective parking lot post, signs & murals
Pasadena Lakes Elementary School	1	Delivered: Laptops, furniture, cafeteria sound system and digital marquee
Pembroke Pines Elementary School	1	Delivered: Water fountains and primary playground equipment
Peters Elementary School	5	Delivered: Elmo document cameras, facilities equipment, classroom rugs, projectors, ActivPanel promethean boards, air mover, janitorial carts, 5-Tool Kit, pressure washer, vacuum machine, outdoor benches, 6-Station listening centers, headphones, teacher chairs, student chairs, staff desktop, staff touch laptops, student laptops, Earthwalk carts and wiring
Pine Ridge Education Center	3	Delivered: Projectors, two-way radios, student desks, teacher planning room upgrade, laptops for the computer lab and TV Studio equipment
Pinewood Elementary School	4	Delivered: Laptops, desktops, laptop carts, two-way radios, portable sound system, electric strike, digital marquee and desktops
Pioneer Middle School	6	Delivered: Office chairs, stage lectern, podium, instrument storage, conference room furniture, planning room furniture, front office furniture, digital marquee, teacher desks and armless chairs

SUMMARY OF SCEP PROJECTS: COMPLETE

124 SCHOOLS COMPLETE (contd.)

SCHOOL NAME	DISTRICT	STATUS
Piper High School	5	Delivered: Picnic tables, main auditorium sound system, mini auditorium sound system, gym sound system, microphones and desktops
Plantation Elementary School	5	Delivered: Electric strikes, golf cart, cafeteria sound system, student benches in car rider area, cafeteria stage curtains, welcome center/front office furniture, stackable chairs and digital marquee
Plantation High School	5	Delivered: Golf cart, indoor furniture for front office, speaker system for the gym, gym scoreboards and digital marquee
Plantation Middle School	5	Delivered: Exterior paint, students chairs, exterior paint for (3) logos, digital marquee and restructuring of front office
Pompano Beach Elementary School	7	Delivered: Student laptops, laptop carts, classroom furniture, desks, chairs, bookshelves and tables
Pompano Beach Middle School	7	Delivered: Indoor and outdoor furniture, replacement of science tables, replacement of teacher chairs and principal conference room chairs
Ramblewood Middle School	4	Delivered: Printers, TVs for the cafeteria, projector for the cafeteria sound system, cafeteria sound system, LCD projectors, 3D printer, digital marquee
Rock Island Elementary School	5	Delivered: Furniture, Mimio boards, document cameras, projectors, printers, bulletin boards and Wayfinding signage
Royal Palm STEM Museum Magnet	5	Delivered: Furniture (chairs and tables), digital marquee and promethean boards

SUMMARY OF SCEP PROJECTS: COMPLETE

124 SCHOOLS COMPLETE (contd.)

SCHOOL NAME	DISTRICT	STATUS
Sandpiper Elementary School	6	Delivered: Cafeteria blinds, media center broadcast system, marquee sign, playground upgrades and outdoor bench
Sawgrass Elementary School	6	Delivered: Playground upgrade to the 3-5 play area, replacing sand areas with PIP, student laptops, minor security enhancements in the front office, bulletin boards
Sawgrass Springs Middle School	4	Delivered: Laptops and TV production sound system
Sea Castle Elementary School	2	Delivered: Furniture, office furniture, digital marquee, shade structure, science tables, projector, cafeteria sound system, and laptop chargers
Seagull Alternative High School	3	Delivered: Printers, laptops, two-way radios, chairs and playground upgrades In progress: Laptops
Seminole Middle School	6	Delivered: Pressure cleaner (facilities), projectors, iPad, printers, storage racks, action camera, Think Vision Monitor, security enhancement for the Single Point of Entry (electric strikes), two-way radios, laptops, office furniture (partial), external hard drives and label printer
Sheridan Hills Elementary School	1	Delivered: Outdoor benches, cafeteria tables, upgrade to school offices and music room, murals, floor mats, outdoor mats, and digital marquee

SUMMARY OF SCEP PROJECTS: COMPLETE

124 SCHOOLS COMPLETE (contd.)

SCHOOL NAME	DISTRICT	STATUS
Sheridan Park Elementary School	1	Delivered: ID machine, poster maker, desktop, desks for front office, carpet extractor, Promethean boards, replaced the doors in FISH 101 & 101K with impact glass, and installed strikes In Progress: Office furniture and carpet extractor
Sheridan Technical High School	3	Delivered: (115) ThinkPad L390, (115) ThinkPad and 15.6-inch backpacks
Silver Lakes Elementary School	2	Delivered: New Pre k-2 playground with shade and PIP
Silver Ridge Elementary School	6	Delivered: Classroom rugs, Pre-K & K tricycles, LCD projector, picnic benches, Ellison Pro-Machine, laptops, laptop carts, iPad and TV production system
Silver Shores Elementary School	2	Delivered: Student laptops, classroom furniture, furniture for computer lab and related arts, electric strike and proximity pad, Shades and Student furniture for the media center
Silver Trail Middle School	2	Delivered: Furniture for common areas, student computers and digital marquee
South Broward High School	1	Delivered: Projectors and auditorium sound system
Stirling Elementary School	1	Delivered: Projector, laptops, ThinkStations, printers, document cameras, bulletin boards, outdoor picnic tables, conference room furniture, cafeteria sound system, murals, collaboration tables and front office furniture
Sunland Park Academy	5	Delivered: Document cameras, student laptops, projectors, laminator, laptop carts and DVD Burners

SUMMARY OF SCEP PROJECTS: COMPLETE

124 SCHOOLS COMPLETE (contd.)

SCHOOL NAME	DISTRICT	STATUS
Sunrise Middle School	3	Delivered: Projectors, two-way radios, cafeteria sound system, outdoor benches, digital marquee, and fabric awning at the cafeteria entrance
Sunset Lakes Elementary School	2	Delivered: New PreK-2 playground, shades for 3-5 play area and fencing to separate the two play areas
Tamarac Elementary School	4	Delivered: Furniture for the front office, parent workstation, furniture, cafeteria sound system and furniture, digital marquee, projectors, laptops, document cameras and printers
Tedder Elementary School	7	Delivered: Teacher chairs, benches for common areas, media center furniture, playground upgrades, and digital marquee
Village Elementary School	5	Delivered: Classroom rugs, poster maker, printers, classroom signage, desktops, student chairs, student desks, classroom tables, indoor furniture, vinyl blinds for classrooms, TV studio equipment, outdoor floor mats, headphones, iPads with cases, conference table, laptop, lenovo desktops, washer and dryer
Virginia Shuman Young Montessori	3	Delivered: Replacing classroom locks with storeroom locks, water bottle filling stations, Recordex, rekeying classrooms, two-way radios, office chairs, ceiling projector, media center shelving, tables, media center furniture, trapezoid tables, and cafeteria tables
Walker Elementary School	5	Delivered: Laptops for D3 & D4

SUMMARY OF SCEP PROJECTS: COMPLETE

124 SCHOOLS COMPLETE (contd.)

SCHOOL NAME	DISTRICT	STATUS
Walter C. Young Middle School	2	Delivered: Golf cart/3 repairs, cafeteria tables, TVs for Exceptional Student Ed. Program upgrades, Printers, Facilities/Janitorial equipment, technology items, two-way radios, vertical blinds, carpet in room 925, repair dinner theater bleachers, and LCD projectors
West Broward High School	2	Delivered: Athletic equipment, CDs/DVDs, projectors, picnic benches, Black Magic Studio system, auditorium sound system, floor mats and wall wraps
West Hollywood Elementary School	1	Delivered: Media Center furniture, Music upgrades, cafeteria sound system, printers, two-way radios and digital marquee
Western High School	6	Delivered: Golf carts, laptop computer carts, two-way radios, and water bottle filling stations
Westglades Middle School	4	Delivered: Classroom Projectors, student laptops, carts, administrative laptops, teacher laptops and cart wiring
Westpine Middle School	5	Delivered: Projectors, media center furniture, STEM lab furniture (tables, high stools and chairs), projector screen, cafeteria sound system, cafeteria projector screen, TV, tables, armless chairs, teacher desk and teacher chairs
Westwood Heights Elementary School	3	Delivered: Book room upgrade, projectors, science lab technology, media center projector, cafeteria upgrades, office furniture, digital marquee and document camera
Whiddon-Rogers Education Center	3	Delivered: Signs/banners, backless benches, interior painting, digital marquee, cafeteria tables and laptops

SUMMARY OF SCEP PROJECTS: COMPLETE

124 SCHOOLS COMPLETE (contd.)

SCHOOL NAME	DISTRICT	STATUS
William E. Dandy Middle School	5	Delivered: Cafeteria sound system, projector, murals, exterior painting, cafeteria tables, media center furniture, painting of the walkways, and an Aiphone
Winston Park Elementary School	7	Delivered: Art tables, Recordex, TVs, bulletin boards, and cart wiring

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

81 SCHOOLS IN IMPLEMENTATION

SCHOOL NAME	DISTRICT	STATUS
Apollo Middle School	1	Delivered: ID maker machine, cork strips, printer, Iphone and strike, chairs, and logo rugs In Progress: Digital marquee, signage and wayfinding
Atlantic West Elementary School	7	Delivered: Janitorial equipment, folding chairs, digital marquee, and front office furniture. In Progress: Shade structure in PE court
Banyan Elementary School	5	Delivered: Murals, playground upgrades, and digital marquee
Bennett Elementary School	3	Delivered: Golf cart, office and classroom furniture, furniture for reception area and AP office, desk with reception top, cube tables, cabinets, open front student desk, chairs, tables and stools In Progress: New 4'x8' digital marquee
Boulevard Heights Elementary School	1	Delivered: Two-way radios, poster maker, laptops carts, printers, outdoor rugs, laminator, laptops, Mimio boards, facilities equipment, electric strikes, and digital marquee
Bright Horizons Center	7	Delivered: Recordex In Progress: Digital marquee and shade structure
Central Park Elementary School	6	Delivered: Computer carts, printers, classroom furniture, science lab materials, bulletin boards, carpet replaced in FISH 301 and blinds In Progress: Coordinating additional proposals.

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

81 SCHOOLS IN IMPLEMENTATION (contd.)

SCHOOL NAME	DISTRICT	STATUS
Challenger Elementary School	4	Delivered: iPads, laptops, digital marquee In progress: Playground shades
Chapel Trail Elementary School	2	Delivered: Student laptops, stage curtains, and bus loop shade In progress: Shade structure
Charles W. Flanagan High School	2	Delivered: Floor scrubber, hedger, trimmer, blower, two-way radios, ID machine, Recordex, golf carts, and two-way radio batteries In progress: Digital marquee
Colbert Museum Magnet	1	Delivered: Laptops, laptop carts, Recordex, camera, microphone, media center chairs, and shade structure In progress: Digital marquee
Cooper City Elementary School	6	Delivered: Golf cart, floor replacement, reception area furniture, Principal's office furniture, chairs, laptops, Earthwalk Cart, cart cable management, and Motorola digital portable radios In progress: Signage TV, desktops, windscreen, and signage TV installation
Coral Glades High School	4	Delivered: Laptop carts, laptops and cart cable management In progress: Media center furniture
Coral Park Elementary School	4	Delivered: Classroom chairs, storefront and electric strike & wind screen for the playground and K-2 & 3-5 playground structures
Coral Springs Middle School	4	Delivered: Recordex, student laptops, adaptors, carts, Aiphone at the main entrance and golf cart In progress: Digital marquee

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

81 SCHOOLS IN IMPLEMENTATION (contd.)

SCHOOL NAME	DISTRICT	STATUS
Country Hills Elementary School	4	Delivered: Motorola two-way radios, tables for the additional kindergarten section, and radio batteries In progress: Aiphone at the main entrance
Croissant Park Elementary School	3	Delivered: Facilities equipment, blower, pressure cleaner and surface cleaner In progress: Vacuums, digital marquee
Crystal Lake Middle School	7	In progress: Cafeteria tables, coordinating additional proposals
Deerfield Beach Elementary School	7	Delivered: Fence around the butterfly garden, tables, stools, bookcases, indoor furniture, outdoor classroom shade, and 8x12 classroom rugs In progress: Chairs
Deerfield Beach High School	7	In progress: Aiphone at the Single Point of Entry, gym scoreboards and gator
Deerfield Beach Middle School	7	Delivered: Broadcasting equipment, high student desks, armless chairs, tabletop, flip down table base, teachers' desk, Collison tables for STEM lab, furniture for room 212 Medical and Rooms 301E - 301F - 302 & Zenergy stools, armless chairs, and MakerBot 3D printers In progress: Presser Kits, window wraps, washer and dryer
Deerfield Park Elementary School	7	In progress: Digital marquee, TVs and production studio
Dillard Elementary School	5	Delivered: Outdoor mats, classroom rugs, flat screen TVs, window wraps, custodial equipment, two-way radios, golf cart accessories, stage curtains, media center furniture, TV and window wraps, Golf Cart

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

81 SCHOOLS IN IMPLEMENTATION (contd.)

SCHOOL NAME	DISTRICT	STATUS
Discovery Elementary School	5	Delivered: PE equipment, classroom carpets, books, stage curtains, furniture, portable sound systems, cabinets, podiums, outdoor benches, tables, tricaster, TVs, cafeteria sound system, projector, murals, and golf carts In progress: Front office furniture and fabric for chairs
Endeavour Primary Learning Center	5	In progress: Strike for the main entrance (SPE), video equipment for broadcasting studio, a poster maker, and playground upgrades (K-2)
Everglades Elementary School	6	Delivered: Student laptops, scholastic resource room upgrade (media center), windscreen for the playground, Aiphone, proximity card reader and an Aiphone sub-master
Floranada Elementary School	3	Delivered: Interactive projectors In progress: Digital marquee
Fox Trail Elementary School	6	Delivered: Laptops, desk and drawer file, front office desk, office chairs In progress: Shade structure
Gulfstream Early Learning Center of Excellence	1	Delivered: Gator, outdoor picnic benches and two-way radios In progress: Bathroom renovations
Hallandale Magnet High School	1	Delivered: Gym floor covering, smart TV's prometean bundle, ActivPanels, golf cart In progress: Jazz band instruments and basketball gym scoreboards
Harbordale Elementary School	3	In progress: Laptops, EarthWalk carts, pre-existing laptop cart cables, Recordex, iPads, iPad Cases, iPad cart, and stage curtains

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

81 SCHOOLS IN IMPLEMENTATION (contd.)

SCHOOL NAME	DISTRICT	STATUS
Heron Heights Elementary School	4	In Progress: Digital marquee and laptops
Hollywood Hills Elementary School	1	Delivered: iPad charging carts In progress: Fencing for the bus loop area, Novo Pros, iPads, student laptop, teacher laptops, Earthwalk carts and wiring, outdoor wireless network access point, and refurbishing the existing marquee
J.P. Taravella High School	4	Delivered: Technology, floor machine, facilities equipment, student desks, outdoor benches, cafeteria tables, door strikes, and water bottle filling stations
James S. Hunt Elementary School	4	Delivered: Document cameras, two-way radios with earpieces, projectors, power adaptors, student laptops, staff and admin laptops, laptop carts, laptop cart wiring and laptop carrying case In progress: Printers
Lake Forest Elementary School	1	Delivered: Projector, cafeteria projection system, teacher chairs, blinds, studio equipment, office chairs, traffic cones, cone bars, cone cart, single cassette recorders, headphones, stools, safety cones, portable cooler, canopy, and digital scanner In progress: Desktops, computer, and tablet mouse
Lakeside Elementary School	2	Delivered: Promethean boards, stools, 10-piece portable workstations In progress: Flexible chairs and digital marquee
Lauderdale Lakes Middle School	5	Delivered: Shoot-a-way machine, tour-de-France bikes, flight simulator, pilot simulator, dance floor, row machines, and digital marquee

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

81 SCHOOLS IN IMPLEMENTATION (contd.)

SCHOOL NAME	DISTRICT	STATUS
Lauderhill 6-12 STEM-MED Magnet School	5	Delivered: Crowd control items, combination chairs/desks, and gym scoreboards In progress: Chairs and gym bleachers
Lyons Creek Middle School	7	Delivered: School name on building, laptops, and laptop cart wiring In progress: Digital marquee and Aiphone at the single point of entry (SPE)
Margate Elementary School	7	Delivered: Bookcases, student computers, Aiphone and strike
Margate Middle School	7	Delivered: Student headphones, student laptops, Earthwalk cart, student/teacher desks, gym scoreboards, printers, student, teacher chairs, and digital marquee structure In progress: Digital marquee electrical tie-in
McArthur High School	1	Delivered: Golf carts, and floor replacement for the mini gym In progress: Conference table, security enhancements, wraps and coverings for the administration building and SPE, and office furniture
McNab Elementary School	3	In progress: Playground upgrades
Monarch High School	7	Delivered: Folding tables, 3 table trolley carts, folding chairs & chair carts In progress: Aiphone for the SPE, embroidery machine, computer carts, student laptops, picnic tables, and golf carts
Morrow Elementary School	4	Delivered: Projector, cafeteria sound system, laptops, broadcast room, Apple bundle and cafeteria tables In progress: Interior paint, murals in the dining area, and additional playground equipment

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

81 SCHOOLS IN IMPLEMENTATION (contd.)

SCHOOL NAME	DISTRICT	STATUS
New Renaissance Middle School	2	Delivered: Aiphone at the main entrance and strike at the secondary door, replaced locks in certain areas, and wall wraps
North Andrews Gardens Elementary School	3	Delivered: Golf carts, Elmo document cameras, ID maker, Aiphone in F101A, submaster in F102C, and ID machine In progress: Laptops, ThinkPads, ThinkStations and Earthwalk carts
North Fork Elementary School	5	Delivered: Aiphone and strike, printers, murals, office furniture, front desk lettering, chairs, Lenovo computers, rugs for reading areas, teacher desktops, student laptops, and security monitor for school camera In progress: Digital marquee
North Lauderdale Pre K - 8	4	Delivered: Student laptops, partial work for murals, TV screens for the front office, digital marquee, Aiphone and EDS In progress: Murals for the media center (pending completion of GOB renovations)
Northeast High School	3	Delivered: Outdoor trash receptacles, science equipment, golf carts, scoring tables, volleyball and football scoreboard, digital marquee, gym scoreboards, electric strikes, standalone door alarms and window wraps In progress: Remaining balance is on hold until the Renovations are complete.
Nova Blanche Forman Elementary School	6	Delivered: Classroom rugs, laptops, Earthwalk Carts, cable management, HDMI to VGA adapter, USB 3.0 Ethernet adapter, Lenovo ThinkPad case, and kidney tables In progress: Projectors, document cameras, media center furniture, lobby & conference room furniture

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

81 SCHOOLS IN IMPLEMENTATION (contd.)

SCHOOL NAME	DISTRICT	STATUS
Nova Dwight D. Eisenhower Elementary School	6	Delivered: Window wraps In progress: Aiphone, submaster and strike, laptops, Earthcarts, and cable management
Oakland Park Elementary School	3	Delivered: Playground upgrades; replacing the sand with PIP, and murals In progress: Carpet replacement for the media center (pending completion of media center renovations)
Palm Cove Elementary School	2	Delivered: Projector, Aiphone (including strike) at the SPE, cafeteria sound system and murals
Panther Run Elementary School	2	Delivered: Two-way radios, Aiphone, TV, and ActivPanel promethean boards In progress: Digital marquee, laptops, desktops, Recordex, and TV wall mount
Park Lakes Elementary School	5	Delivered: Digital marquee and K-2 & 3-5 playground structures In progress: Outdoor benches
Park Ridge Elementary School	7	In progress: Coordinating proposals
Park Springs Elementary School	4	Delivered: Floor scrubber, murals, laptop computers, and K-2 playground upgrade In progress: Office furniture
Park Trails Elementary School	4	In progress: Coordinating proposals
Pembroke Lakes Elementary School	2	Delivered: Classroom furniture, cafeteria sound system, digital marquee, replaced keys (6) Cylinders to teacher entrance key
Pines Lakes Elementary School	2	Delivered: Office furniture, murals, monument marquee, and SPE enhancements (fencing and gate)

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

81 SCHOOLS IN IMPLEMENTATION (contd.)

SCHOOL NAME	DISTRICT	STATUS
Plantation Park Elementary School	6	Delivered: Lockdown shades, window wraps, Aiphone at the SPE and strike on secondary door, and morning show equipment In progress: Digital marquee
Pompano Beach High School	7	In progress: Football scoreboard
Quiet Waters Elementary School	7	Delivered: Picnic tables, electric strike, laptops, document cameras, projectors, and Lenovo adapters In progress: Digital marquee
Ramblewood Elementary School	4	Delivered: Digital Marquee In progress: Playground upgrades, chairs and technology items
Riverland Elementary School	3	Delivered: Media center furniture (corner units, single seats, armless chairs, ottomans, 2-seater benches, round tables, rectangular tables, quad tables, custom bookcases and desk with book drop), teacher chairs, Aiphone at main entrance and submaster
Riverside Elementary School	4	Delivered: Multi drying steel rack, Art & PE Enhancements (racks, furniture, book drop carts, etc.), outdoor PA speaker system upgrade and (30) ukulele Storage racks
Sheridan Technical College	1	In progress: Furniture for the registration office
Silver Palms Elementary School	2	In progress: Retrofitting the existing marquee to a digital marquee

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

81 SCHOOLS IN IMPLEMENTATION (contd.)

SCHOOL NAME	DISTRICT	STATUS
Stephen Foster Elementary School	3	<p>Delivered: Promethean boards, tables, walk lines painting, window wraps, cafeteria tables, stool tables, laptops, cafeteria painting, cafeteria window wraps, and painting (teacher's lounge, bathrooms & (4) doors)</p> <p>In progress: Carpet replacement in FISH 169, conference chairs, and stage curtains</p>
Stranahan High School	3	<p>Delivered: 50" TVs, outdoor picnic benches with umbrellas, projectors, document cameras, picnic tables, printers, scientific calculators, student laptops, column wraps, digital marquee, PA system & office Furniture</p> <p>In progress: Laptops and Sisco Star System</p>
Sunshine Elementary School	2	<p>Delivered: Poster maker, headphones, laminator, classrooms rugs, portable blowers, laptops, Earthwalk cart, staff desktop, student desktop, student chairs, shelving, bookcase, pro pencil sharpeners, Ellison machine, and Recordex</p> <p>In progress: Recordex and fans</p>
The Quest Center	1	<p>Delivered: Sensory room equipment, entertainment room renovation and TVs</p>
Thurgood Marshall Elementary School	5	<p>Delivered: Aiphone, Recordex, ID machine, tables, chairs, headphones, Lenovo batteries, laminator, carpet cleaner, Earthwalk carts & laptops</p> <p>In progress: Carpet extractor, computer chargers, and student chairs</p>
Tradewinds Elementary School	7	<p>In progress: Aiphone at the SPE and a strike, Playground upgrades/ rubber surfacing</p>
Watkins Elementary School	1	<p>Delivered: Laptops</p> <p>In progress: Digital marquee</p>

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

81 SCHOOLS IN IMPLEMENTATION (contd.)

SCHOOL NAME	DISTRICT	STATUS
Welleby Elementary School	5	Delivered: Lenovo laptops and Earthwalk carts
Westchester Elementary School	4	Delivered: Digital marquee, access control card reader system, Aiphone at the SPE and Strike, computer lab conversion
Wilton Manors Elementary School	3	Delivered: Laptops, Recordex In progress: Aiphone, strike, morning show equipment, and digital marquee
Wingate Oaks Center	5	Delivered: Mats, facilities equipment, laptops, TVs, iPads, Promethean boards, two-way radios, Sony HDTVs, and Promethean ActivPanels

SUMMARY OF SCEP PROJECTS: PLANNING/DESIGN

25 SCHOOLS IN PLANNING/DESIGN

SCHOOL NAME	DISTRICT	STATUS
Broward Estates Elementary School	5	In progress: Meeting held with staff, ballot development in progress.
Cooper City High School	6	In progress: Kick-off meeting held 2/12/2019. Ballot approved for voting 2/10/2020.
Coral Springs Pre K - 8 (f.k.a. Coral Springs Elementary)	4	In progress: Kick-off meeting is being scheduled.
Cresthaven Elementary School	7	In progress: Meeting held with staff, ballot development in progress
Cross Creek School	7	In progress: Kick-off meeting held 4/3/2019; ballot development in progress.
Dania Elementary School	1	In progress: Meeting held with staff, ballot development in progress
Driftwood Elementary	1	In progress: Ballot development in progress.
Hollywood Central Elementary School	1	In progress: Ballot development in progress.
Larkdale Elementary School	5	In progress: Ballot development in progress
Lauderhill-Paul Turner Elementary School	5	In progress: Ballot development in progress
Marjory Stoneman Douglas High School	4	In progress: Meeting held with staff, ballot development in progress
Mary M. Bethune Elementary School	1	In progress: Kick-off meeting is being scheduled.
Meadowbrook Elementary School	3	In progress: Voting authorized 02/24/2020.
Nob Hill Elementary School	6	In progress: Ballot developed 05/2019; does not comply with District guidelines, needs revision.

SUMMARY OF SCEP PROJECTS: PLANNING/DESIGN

25 SCHOOLS IN PLANNING/DESIGN (contd.)

SCHOOL NAME	DISTRICT	STATUS
Palmview Elementary School	7	In progress: Kick-off meeting is being scheduled
Parkside Elementary School	4	In progress: Ballot approved 2/19/2020 - Voting authorized.
Parkway Middle School	5	In progress: Ballot received 11/15/2019, and in compliance for voting.
Pines Middle School	2	In progress: Ballot approved for voting 11/8/2019. Results came in too low in February 2020; re-voting in progress.
Riverglades Elementary School	4	In progress: Proposals are being coordinated for scope and ballot development.
Sanders Park Elementary Magnet	7	In progress: Ballot development in progress.
Silver Lakes Middle School	4	In progress: Meeting held with staff, ballot development in progress
South Plantation High School	6	In progress: Ballot development in progress.
Tequesta Trace Middle School	6	In progress: Ballot development in progress
Tropical Elementary School	6	In progress: Proposals are being coordinated with multiple entities to ensure the best pricing is obtained.
Whispering Pines Education Center	2	In progress: Ballot development in progress

SUMMARY OF FY20 Q3 SCEP FLAGS

Schools	Project	Flagged FY' 20 Q3	Comments
Atlantic West Elementary School	SCEP	S	Shade is under construction.
Banyan Elementary School	SCEP	S	New Marquee vendor hired to replace previous vendor. Previous vendor replaced due to poor performance.
Boulevard Heights Elementary School	SCEP	S	Marquee installation complete and the school is coordinating proposals.
Bright Horizons Center	SCEP	S	Pending completion of the marquee sign.
Chapel Trail Elementary School	SCEP	S	Plan change in progress for the 3-5 play area shade structure
Colbert Museum Magnet	SCEP	S	Playground shade structure construction is complete. Marquee is in fabrication.
Coral Springs Middle School	SCEP	S	Marquee permitted and sign is in fabrication.
Floranada Elementary School	SCEP	S	Delays have occurred due to termination of the previous marquee design/manufacture. The new marquee design is permitted, and the sign is in fabrication.
Fox Trail Elementary School	SCEP	S	Playground shade is in construction.
Lauderdale Lakes Middle School	SCEP	S	Marquee is complete and the school is obtaining additional proposals.
Margate Middle School	SCEP	S	Digital marquee design process caused previous delays. Marquee structure is now complete pending electrical tie-in.
North Fork Elementary School	SCEP	S	Marquee sign is in fabrication.
North Lauderdale Pre K - 8	SCEP	S	School opted to hold the funds until the GOB renovations of the media center are complete.
Pembroke Lakes Elementary School	SCEP	S	Marquee sign is in construction.
Quiet Waters Elementary School	SCEP	S	Marquee sign is in construction.

FLAG KEY:

- S Schedule:** Reflects an inability to meet the planned milestone date for progressing to next phase in the process.
- B Budget:** Reflects a board approved increase in funding based on bid and/or change order results.

REFERENCE INFORMATION



Overview

The SMART Program, under the direction of the School Board of Broward County, FL (the District) and Superintendent Robert W. Runcie, has allocated \$100,000 towards School Choice Enhancement capital-related projects at each District school.

The \$100,000 in funding is intended to be used to improve the condition of instructional and educational spaces at each District school.

All School Choice Enhancement Program (SCEP) projects are well underway with the planning, implementation and completion phases. The program has been met with great enthusiasm and many schools have selected a broad range of improvements. **As of March 31, 2020, 230 schools in the District have improvement projects underway or complete.** The school project schedule can be viewed on individual SMART Program Status Reports, located at browardschools.com/web/smart-needs.

How it Works

SCEP projects are chosen under the direction of the principal, and in a collaborative effort, the School Advisory Council (SAC), school staff and the school community. There are some qualifiers considered:

1. Projects must be “capital eligible,” which means the improvements are made to the physical building and/or instructional environments.
2. The improvements must have a life cycle greater than five years. For example, consumable items, such as art supplies, would not qualify; however, improvements to the art labs and/or computer labs would be eligible.
3. All items purchased under SCEP must be inventoried and inspected by the school upon delivery.

Selection Options

A school can select a capital eligible project valued at \$100,000 or less to address its unfunded needs. Examples of popular choices include:

Elementary and Middle schools: playground equipment, shade structures, music or art room renovation, front office or teacher lounge renovation, morning show announcements equipment and/or TV production equipment.

High Schools: outdoor bleachers, art studio renovation, scoreboards, athletic equipment and/or golf carts.

A school can also select a unique facility or instructional need, which has been identified by its school community.

PROCESS FOR SCEP PROJECTS

1 Planning/ Design

On behalf of the District, CBRE | Heery's **Project Manager visits each school to review existing conditions** with school leadership and the **School Advisory Council (SAC)**. The **Project Manager works with the SAC to assist in narrowing down project options, based on budget, preliminary cost estimates and priority.**

The **SAC narrows the list down to two options, each containing one (1) or more items in priority order.**

The **Project Manager evaluates and confirms that scope and budget are in compliance** with District guidelines.

Once confirmation is received, the **school begins the voting process** within the school community.*

*Until final costs are determined, selected items are subject to change to stay within the funding guidelines.

2 Implement Improvements

The **Project Manager** evaluates the budget and scope for the selected option and begins the procurement process. Subject to the limits of the \$100K budget at each school, the items in the selected option are then implemented and/or delivered to the school in prioritized order.

3 Improvements Complete

The **school community** can enjoy the new improvements after the delivery and installation of all selected items, and it is determined that a balance of 5% or less remains.



Section 5
Facilities Sub-Section

PROGRAM
COST & CONTROLS

ATKINS

HARD COSTS vs. SOFT COSTS

Included here is a brief explanation of hard costs vs soft costs in the SMART Program. For your consideration, below are five schools that have reached final completion and a breakdown of their costs. For now, a breakdown is only available for the schools listed below because costs haven't been finalized for other schools until they have reached final completion or are still in the process of closing out test and balance work. As more schools reach final completion, we will provide a similar breakdown for these categories.

HARD COSTS include tangible expenses that are directly related to the physical construction or implementation of the project scope, including labor and material costs.

Typically makes up 65-70% of the total budget.

SOFT COSTS include expenses indirectly related to the construction or implementation of a project.

Typically makes up 30-35% of total budget.

EXAMPLES OF SOFT COSTS INCLUDE:

- ▶ Architect and Engineering fees
- ▶ Furniture, Fixtures & Equipment (FF&E) and Technology
- ▶ Program Management fees
- ▶ Building Fees and Permitting fees

HARD COSTS VS. SOFT COSTS BREAKDOWN

School	Hard Cost (%)	Soft Cost (%)
Indian Ridge Middle School	85%	15%
Manatee Bay Elementary School	86%	14%
McNicol Middle School	70%	30%
Palm Cove Elementary School	84%	16%
Silver Shores Elementary School	86%	14%

Percentages subject to change after warranty period is complete

RISK ASSESSMENT



ISSUED APRIL 30, 2020

Included below is the latest **SMART program Risk Assessment** provided to the District by Atkins. It is reported on a roughly 3-6 month basis, with a focus on **potential risk to the program's budget and projected costs**.

ATKINS Risk Assessment

The COVID-19 virus impact is already apparent on the SMART Program, as there are additional bidders and lower pricing on projects bid. The slowdown in private development and residential is freeing up contractors to work on public construction ("A survey of construction firms by the Associated General Contractors of America finds more than half of firms have had projects halted"). This combined with shifting out the midpoint of planned expenditures results in the following:

Date of Submittal	Risk Analysis Result Range (Percentage Increase / \$ increase in Millions)		
	Mid-Point Risk Result	70% Risk Result	High End Risk Result
January 2017	22% / \$200	26% / \$245	49% / \$439
May 2018	22% / \$200	26% / \$245	49% / \$439
Sept. 2018	33% / \$302	36% / \$326	49% / \$441
Dec. 2018	46% / \$415	48% / \$433	58% / \$528
May 2019	47% / \$423	49% / \$436	56% / \$508
Aug 2019	47% / \$425	49% / \$436	56% / \$507
Jan 2020	47% / \$425	49% / \$436	56% / \$507
Apr 2020	46% / \$419	48% / \$429	55% / \$498

Figure 1 – Risk Analysis Results Comparison

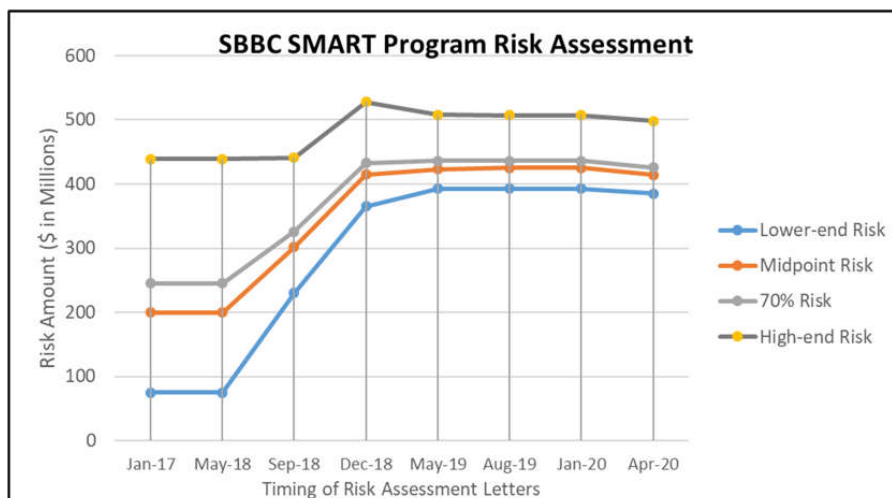


Figure 2 – Range of Potential Risk Outcomes Over Time

RISK ASSESSMENT

ISSUED APRIL 30, 2020



Figure 2 demonstrates the slight potential downturn in SMART Program risk based on potential increased competition from the COVID-19 impact, despite a shift of the midpoint of the remaining program commitments to mid-2021. This is based on close to 50% of the program remaining to get under contract. The actual cost factors that have had the greatest influence on the higher end results are:

- Actual roofing costs are well above the initial established budgets, and this largest Program risk has been based on bid data and roofing evaluations;
- Cumulative impact of higher inflation than budgeted since 2014 that is now projected to the midpoint of the revised schedule for inflation calculations;
- Scope unquantified in the ADEFP that has been identified during design development (i.e. added ductwork and electrical upgrades on HVAC Improvements);
- Current estimates for classroom addition buildings at school sites have increased above established budgets;

The actual contracted costs to-date on the Program show that projects that have been bid or negotiated are approximately 64% above the initially established budgets (see Attachment 1) noting that this calculation includes the cost increases for three large classroom addition projects and the “Big 3” major high school renovation projects. This trend also supports towards the higher end of this risk assessment. Other risks that are closely being monitored include; a) a potential that some of the contractors that are predominately performing SBBC project work could potentially have bonding capacity issues that would limit their ability to participate in new projects; and b) a potential that the number of roofing contractors qualified and available to participate on SBBC roofing projects may not be sufficient to meet the current delivery schedule.

Risk Mitigation Strategies

The risk strategies that have been put in place to address the high-end potential risk increases remain as follows:

- **Roofing Reality Checks:** Roofing Consultant has been engaged to perform “Reality Checks” (inspections and testing) on existing roofs to mitigate/reduce roofing scope costs, however, this effort may cause project schedule delays;
- **Expansion of the Direct Owner Purchase (DOP) program:** to maximize tax benefits of Broward Schools purchasing materials for contractors;
- **Scope Validations:** continuing validations to ensure the scope of each project is only what is required to meet the intent of the Bond;
- **Right-sizing of campuses:** being performed to include new classroom additions, demolishing outdated and non-needed spaces, renovate all remaining buildings, and adequately address site logistics;
- **Focused efforts to increase pool of contractors available for SBBC work:** continue to reach out to the construction industry to try and increase the contractors available to perform on SBBC projects, with a focus on roofers;
- **February 2020 Roofing Workshop:** continue to carry out the next steps from the workshop to ensure that roofing risks are mitigated.

RISK ASSESSMENT

ISSUED APRIL 30, 2020



Market Conditions driving Construction Inflation

Atkins has reviewed the South Florida construction market and has concluded that in the range of a **5% year over year inflation factor** should be included in the plan for the SMART Program for the years from 2014 to 2020. These factors are in comparison to the 3% per year inflation factor that was utilized in the 2014 SMART plan projections used for the Bond Issue. The increase in this yearly construction inflation rate **is having a significant impact on Program construction costs.**

For the additional inflation from 2020 to mid-2021 (the current midpoint of remaining Program commitments), a 3% most likely inflation has been utilized, and this could even be less considering the COVID-19 impact. Reasons for this increase in inflation include these factors:

1. **Volume of Construction in the U.S.:** Volume of construction has increased nearly 75% since 2011. Figure 3 demonstrates this volume, showing that in early 2020 this number was growing even larger. This amount is expected to trend downward over the next several months from the COVID-19 impact and could continue into 2021.

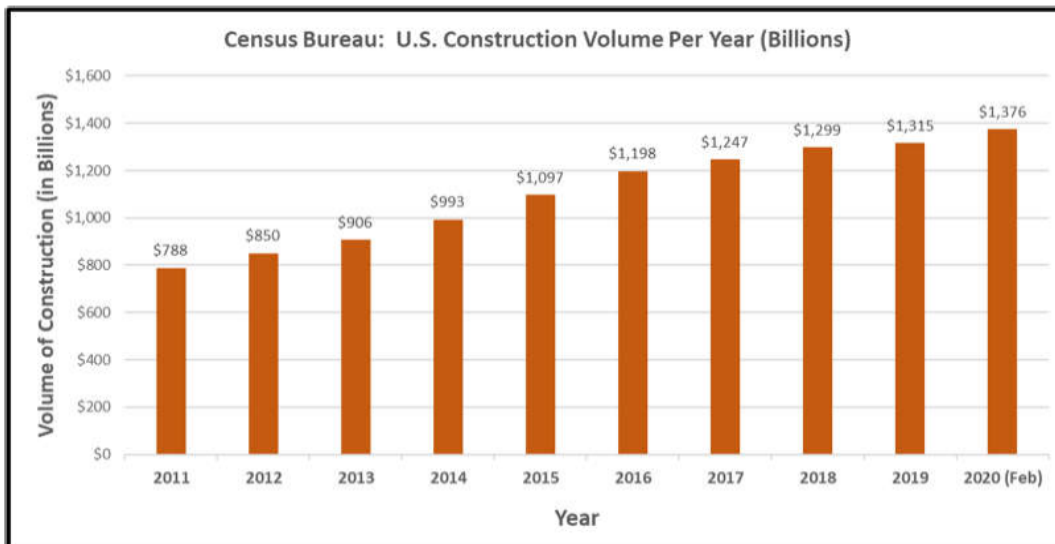


Figure 3: U.S. Construction Volume: *base source: census.gov*

History has shown that construction cost trends closely follow this volume of construction, and should the volume decrease the construction costs stabilization and/or decrease should follow.

Figure 4: National Construction Labor Openings: *base source: bls.gov; AGC of America*

2. **Continued major programs in progress and upcoming in South Florida** are as mentioned in previous issues (other school districts, airports, seaports, commercial multi-use, transportation, etc.). An indicator is the South Florida Construction Employment which appears to be stabilizing in 2019 and early 2020, although this could be a result of the lack of labor to fill openings. March 2020 results will better indicate the COVID-19 initial impact on South Florida construction labor.

RISK ASSESSMENT

ISSUED APRIL 30, 2020

ATKINS

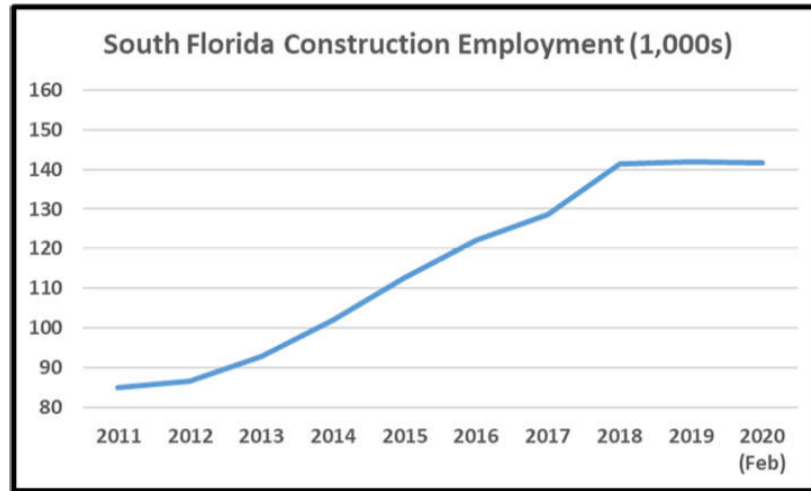


Figure 5: S. Florida Construction Employment: *base source: bls.gov*

- 3. Continued demand for construction labor in South Florida:** South Florida construction labor has averaged more than a 10% increase in employment per year from 2014 through 2018 as shown in Figure 5, depleting the supply of skilled workers available. Information in 2019 and early 2020 demonstrates a plateau in the South Florida labor market, indicating a depleted pool of resources or a potential peak in the volume of construction. With some of these resources freeing up it is anticipated that costs could trend lower with lower construction employment, improved labor availability and stabilization of labor costs.
- 4. Volatility of the cost of construction materials:** There are some signs of shortages of equipment and materials in the construction market related to the impact of COVID-19, and this will have an impact on construction costs. It is too early to determine a value impact, and this risk will have to be monitored closely as manufacturing and supply chains could be impacted in the short term
- 5. Cost Index Results:** The Turner Construction Cost Index is an industry index that has been shown to be reasonably accurate in showing actual construction cost trends. Note that combined increases from the Figure 6 construction cost change/year calculates to a cumulative compounded increase in the range of 30% since 2014, versus a range of 16% increase with the 3% rate included in the original assessment, demonstrating the high impact of inflation on the SMART Program costs. 2019 also concluded with a cost increase of 5.5% from 2018, indicating that the construction volume and labor plateaus in 2019 have not yet resulted in a decline in construction costs. Turner has not yet published a first quarter of 2020.

RISK ASSESSMENT

ISSUED APRIL 30, 2020

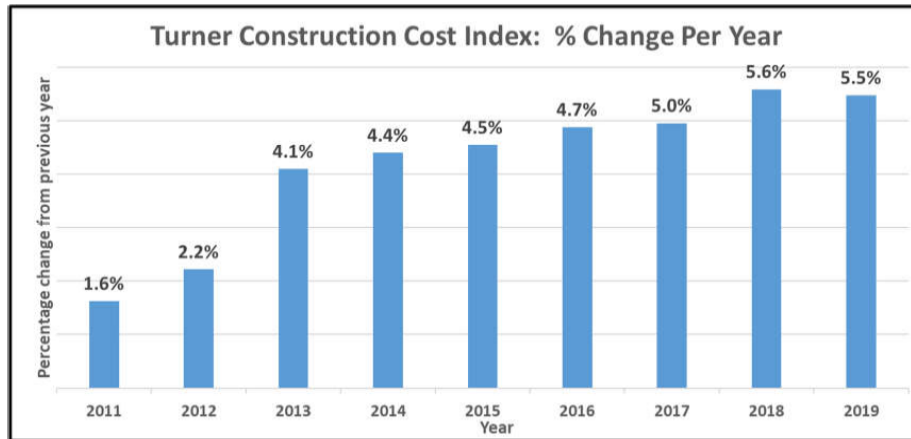


Figure 6: Turner Construction Cost Index: *base source: turnerconstruction.com*

Conclusion

The SMART Program currently has \$225 million in additional capital (SMART) reserve funds dedicated by the Board related to the potential increases in construction costs to meet the intended scope of the Program. The Board has recently approved a Board item adopting Resolution No. 20-106 Certificates of Participation (COP), Series 2020A and amending the capital budget to include the \$250 million additional appropriation. The 70% level of the risk assessment is currently in the range of \$429 million, and this figure is consistent with the "Running Estimates for the Program", where actual costs, estimates and risk projections are combined to forecast a final Program cost. Considering the Board's \$475 million made up of the \$225 million in reserve funds plus the \$250 million COP funds, the amount is more than adequate to address the \$429 million risk at 70%, and is slightly below the high end of the risk at \$498 million.

As the program continues, any scope added beyond the ADEFP plan will further impact the risk, as will any further changes in schedule or market conditions.

Sincerely,

David J. Carter, CCM; Vice President

C: Judith Marte (BCPS); Phillip Kaufold (BCPS); Shelley Meloni (BCPS); Ashley Carpenter (Atkins);
Danny Jardine (CBRE | Heery)

Attachments

A: SMART Program Project Budget Status

