

Section 5

Facilities

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SMART RENOVATIONS BY THE NUMBERS

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

PRIMARY RENOVATIONS



5

SCHOOLS
COMPLETE



66

SCHOOLS IN
CONSTRUCTION



71

SCHOOLS
COMPLETED DESIGN

BOARD APPROVALS



38

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



9

SCHOOLS COMPLETE THIS QUARTER

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

SMART RENOVATIONS HIGHLIGHTS

SUCCESSSES AND SETBACKS

Active construction projects have increased in productivity during the last quarter, yet obstacles remain which continue to affect The Program's schedule and budget. Efforts to address these setbacks continue to be a priority of the Program Management team and its leadership.

WHAT WENT WELL:

FOCUS ON SUMMER PRODUCTIVITY

- ▶ 66 schools valued at over \$415 million are under construction
- ▶ 71 schools have completed the Design phase
- ▶ 6 additional schools are nearing substantial completion. Students and staff at the following schools are enjoying the final product of the SMART scope of work, however they are pending completion of essential paperwork before moving into the Construction Closeout phase.
 - ▶ Coconut Creek Elementary School
 - ▶ Cypress Elementary School
 - ▶ Eagle Ridge Elementary School
 - ▶ McNicol Middle School
 - ▶ Palm Cove Elementary School
 - ▶ Silver Shores Elementary School



SINGLE POINT OF ENTRY (SPE) PROJECTS

- ▶ All SPE projects operational by the start of school

ROOFING PROCESS OPTIMIZATION

- ▶ Roofing consultant continues to perform "reality checks" on original scopes of work
- ▶ Overall goal is to evaluate all roofing scopes before they go to bid to optimize efficiencies
- ▶ Several schools that have finished the roofing check have resulted in cost saving. (Ex. Nova High School)



SMART RENOVATIONS HIGHLIGHTS

WHAT WENT WELL (contd.):

SUMMER INTERNSHIP PROGRAM

- ▶ The Developing Engineering Explorers Program (DEEP), in collaboration with Blanche Ely High School and Stranahan High School, concluded its fourth year of the program this quarter.
- ▶ CBRE | Heery and Atkins partnered with the pre-engineering magnet schools to grant five students from each school the opportunity to work side-by-side with project managers and engineers tasked with managing and administering SMART Program renovations.
- ▶ Students shadowed various departments, studied standard safety protocols, and learned how to interpret and utilize site plans. The internship program concluded with a 3D model building competition.

WHAT DIDN'T GO WELL:

72 TOTAL SCHEDULE FLAGS FOR PRIMARY RENOVATIONS







- ▶ Many of the flags fit into one of the following categories:
 - ▶ **Designer Selection** – A few remaining year-5 projects have been placed on hold pending a determination on the appropriate delivery method for selecting a Design team.
 - ▶ **Design Delays** – Delays are attributed to designer failure to meet contractual obligations with submittals, multiple reviews and resubmittals for permitting.
 - ▶ **Roofing Assessments** – Delays have resulted while the project undergoes a “roofing reality check” and is being evaluated for scope and cost savings before advertising for bid or proceeding with construction.
 - ▶ **Construction** – The inability to recover time from previous delays, scope revisions and contractor concerns cause some of the delays that occur during the Construction phase.

PRIMARY RENOVATIONS HIGHLIGHTS

During the quarter ending September 30, 2019, a notable amount of projects moved out of the Design phase and into Construction. With **66 schools currently in Construction**, 2019 continues to see a flow of projects transitioning into active construction and making visible progress on school campuses.

The following chart represents the phases of schools with active Primary Renovation projects as of September 30, 2019:

PRIMARY RENOVATIONS PROCESS CHART

1 	2 	3 	4 	5 	6 
PROJECT PLANNING	HIRE DESIGNER	PROJECT DESIGN	HIRE CONTRACTOR	PROJECT CONSTRUCTION	CONSTRUCTION CLOSEOUT
0	9	85	71	66	5
SCHOOLS	SCHOOLS	SCHOOLS	SCHOOLS	SCHOOLS	SCHOOLS
0	8	104	64	55	3
\$0 M	\$32.14 M	\$383.72 M	\$192.75 M	\$415.99 M	\$8.74 M

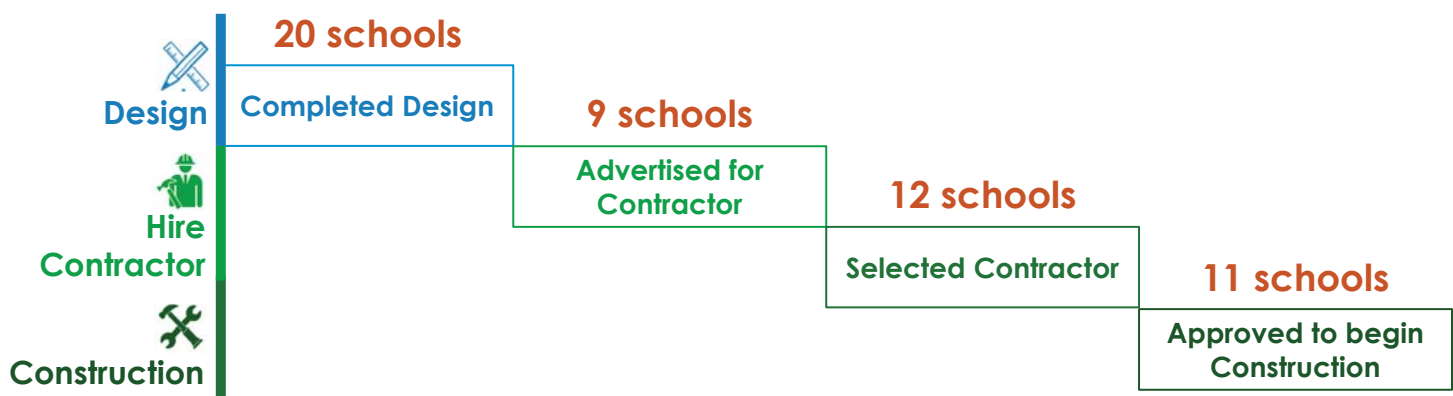
COMPARISON OF DATA REPORTED LAST QUARTER: JUNE 30, 2019

REFLECTS ADEFP BUDGET

REFLECTS BOARD APPROVED AWARDS

KEY PERFORMANCE INDICATORS (KPI's)

In addition to the above process chart, the following KPI's are being monitored to track the progress of Primary Renovation projects moving between Design and Construction:



5 SCHOOLS IN CONSTRUCTION CLOSEOUT

Included below are the list of schools that are in the Construction Closeout phase. A school enters this phase once a certificate of occupancy has been issued for the whole project.

				5 Schools	Complete
SCHOOL NAME	%	STAGE	SCOPE		
Coral Cove Elementary School	15%	Substantial 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, Window, 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, Window, Exterior Wall, etc.), Conversion of Existing Space to Music and/or Art Lab(s), HVAC Improvements, Music Room Renovation		
Pine Ridge Education Center	50%	Substantial Completion	HVAC Improvements		

66 SCHOOLS IN CONSTRUCTION

Included below is a list of the schools in construction. This schools have been divided by their percentage in the Construction phase to show how far along certain schools are. Though there are 66 schools in construction, there are 67 projects presented because there are two active projects happening at one school.

The following schools have received their SMART Primary Renovations but are awaiting the completion of essential paperwork before moving into the Construction Closeout phase:

				6 Schools	96-99% Complete
SCHOOL NAME	%	DISTRICT	SCOPE		
Coconut Creek Elementary School	99%	7	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Fire Alarm, Fire Sprinklers, Media Center improvements, Replace existing unit ventilators (appr. 43 CRs) with new unit ventilators.		
Cypress Elementary School	99%	3	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Fire Sprinklers, Media Center improvements, Replace existing unit ventilators (appr. 42) with new unit ventilators, duct and diffusers, Safety / Security Upgrade		
Eagle Ridge Elementary School	99%	4	Fire Alarm & HVAC Improvements		
McNicol Middle School	99%	1	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Conversion of Existing Space to Music and/or Art Lab(s), Fire Sprinklers, HVAC Improvements, Music Room Renovation		
Palm Cove Elementary School	99%	2	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.) and HVAC Improvements		
Silver Shores Elementary School	99%	2	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.) and HVAC Improvements		

				4 Schools	76-95% Complete
SCHOOL NAME	%	DISTRICT	SCOPE		
Bayview Elementary School	85%	3	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.) and HVAC Improvements		
Griffin Elementary School	84%	6	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Fire Alarm, HVAC Improvements, Media Center improvements, PE/Athletic Improvements & Safety / Security Upgrade		
Dr. Martin Luther King, Jr. Montessori Academy	81%	5	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), HVAC Improvements		
Annabel C. Perry Pre K - 8	76%	1	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Electrical Improvements, Fire Alarm, Fire Sprinklers & HVAC Improvements		

66 SCHOOLS IN CONSTRUCTION (contd.)

SCHOOL NAME	%	DISTRICT	SCOPE	9 Schools	51-75% Complete
Miramar Elementary School	74%	1	HVAC Improvements and Building Envelope Improvements (Roof, Window, Exterior Wall, etc.)		
Charles W. Flanagan High School	72%	2	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), CR Addition to allow for removal of portable buildings and HVAC Improvements		
Western High School (Culinary Lab)	70%	6	STEM Lab and ADA Restrooms		
Morrow Elementary School	65%	4	ADA Stage Lift, Electrical Improvements, Fire Sprinkler Protection and Fire Alarm, HVAC Improvements, Media Center improvements		
Silver Trail Middle School	57%	2	HVAC Improvements and Re-roofing of existing building 1 and part of building 2		
Pompano Beach Elementary School	56%	7	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Electrical Improvements, Fire Alarm, Fire Sprinklers, HVAC Improvements, Improvements to or Replacement of building 3		
Plantation Elementary School	55%	5	HVAC Improvements (test and balance)		
Discovery Elementary School	55%	5	HVAC Improvements (test and balance)		
Tamarac Elementary School	52%	4	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Fire Sprinklers, HVAC Improvements		

SCHOOL NAME	%	DISTRICT	SCOPE	8 Schools	26-50% Complete
Silver Lakes Elementary School	50%	2	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.) and HVAC Improvements		
Lauderdale Lakes Middle School	50%	5	Fire Alarm, Fire Sprinklers, Media Center improvements, Roof repair, stucco and waterproof, interior repairs, HVAC - evaluation, T&B and repair. Replace FB in 4 AHUs and provide dehumidification.		
Sandpiper Elementary School	43%	6	Fire Alarm and HVAC Improvements		
West Broward High School	40%	2	HVAC Improvements (test and balance)		
Castle Hill Elementary School	38%	5	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Fire Alarm, Fire Sprinklers, HVAC Improvements, Media Center improvements		
Cypress Bay High School (Primary Renovation)	34%	6	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), HVAC Improvements and Safety / Security Upgrade		
Blanche Ely High School	34%	7	ADA Stage Lift, Building Envelope Improvements (Roof, Window, Exterior Wall, etc.) incl. bldg. #4, Fire Sprinklers, Gymnasium Accessibility, HVAC Improvements, IAQ & Fascia Replacement, Media Center improvements, Outdoor Dining Renovation & STEM Lab improvements		
Atlantic Technical, Arthur Ashe, Jr Campus	30%	5	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.) and Fire Alarm		

66 SCHOOLS IN CONSTRUCTION (contd.)

40 Schools
0-25% Complete

SCHOOL NAME	%	DISTRICT	SCOPE
Banyan Elementary School	25%	5	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), HVAC Improvements and Media Center improvements.
Quiet Waters Elementary School	25%	7	Art Room Renovation and Equipment, Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Conversion of Existing Space to Music and/or Art Lab(s), Fire Sprinklers, HVAC Improvements, Music Room Renovation
Sunland Park Academy	25%	5	Building Envelope Improvements (Roof, Window, and Exterior Wall) and Fire Alarm
The Quest Center	23%	1	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Conversion of Existing Space to Music and/or Art Lab(s), Fire Sprinklers, HVAC Improvements, Music Room Renovation
Stranahan High School	22%	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
Colbert Museum Magnet	20%	1	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), HVAC Improvements and Safety / Security Upgrade.
Forest Hills Elementary School	19%	4	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Fire Sprinklers, Media Center improvements
Pompano Beach Middle School	18%	7	Building Envelope Improvements (Roof, Window, 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 Hollywood Elementary School	17%	1	Building Envelope Improvements (Roof, Window, and Exterior Wall), Fire Alarm and HVAC Improvements
Oakridge Elementary School	16%	1	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Fire Alarm, HVAC Improvements, Improvements to or Replacement of building & Media Center improvements
Seagull Alternative High School	16%	3	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Fire Alarm, Fire Sprinklers, HVAC Improvements & Media Center improvements
Dillard 6-12 School	15%	5	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Electrical Improvements, Fire Sprinklers, HVAC Improvements and Safety / Security Upgrade
McNab Elementary School	15%	3	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.) and HVAC Improvements
Westwood Heights Elementary School	15%	3	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), HVAC Improvements and Media Center improvements
Ramblewood Elementary School	14%	4	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Fire Sprinklers, HVAC Improvements, Media Center improvements & PE/Athletic Improvements

66 SCHOOLS IN CONSTRUCTION (contd.)

SCHOOL NAME	%	DISTRICT	SCOPE	40 Schools	0-25% Complete
Nova High School	13%	6	Building Envelope Improvements (Roof, Window, 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		
Gulfstream Academy of Hallandale Beach K-8 (f.k.a. Hallandale Adult & Community Center)	13%	1	Building Envelope Improvements (Roof, Window, 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		
Pinewood Elementary School	11%	4	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Fire Sprinklers, HVAC Improvements, Media Center improvements		
Marjory Stoneman Douglas High School (Classroom Addition)	11%	4	New Addition to Replace Building 12 (Not SMART Funded)		
Everglades Elementary School	10%	6	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.) and HVAC Improvements.		
Gator Run Elementary School	10%	6	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Art Room Renovation and Equipment, Conversion of Existing Space to Music and/or Art Lab(s), HVAC Improvements, Music Room Renovation		
Hollywood Hills High School	10%	1	Electrical Improvements, Fire Alarm, Fire Sprinklers, HVAC Improvements Media Center improvements, Roof Replacement, Safety / Security Upgrade, STEM Lab improvements		
Lake Forest Elementary School	10%	1	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.) and HVAC Improvements		
Cypress Bay High School (Classroom Addition)	4%	6	CR Addition - Prep Work & CR Addition to allow for removal of portable buildings		
Everglades High School	2%	2	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.) and HVAC Improvements.		
Bright Horizons Center	1%	7	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Fire Alarm, Fire Sprinklers and HVAC Improvements.		
Dave Thomas Education Center - East	1%	7	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.) and HVAC Improvements.		
Fairway Elementary School	1%	2	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Electrical Improvements, Fire Alarm, HVAC Improvements, Media Center improvements and Safety / Security Upgrade		
Falcon Cove Middle School	1%	6	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), CR Addition to allow for removal of portable buildings, HVAC Improvements		

66 SCHOOLS IN CONSTRUCTION (contd.)

SCHOOL NAME	%	DISTRICT	SCOPE	40 Schools	0-25% Complete
Forest Glen Middle School	1%	4	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Fire Sprinklers and HVAC Improvements		
Hawkes Bluff Elementary School	1%	2	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.) and HVAC Improvements		
North Side Elementary School	1%	3	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.) and HVAC Improvements		
Pembroke Pines Elementary School	1%	1	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Electrical Improvements, HVAC Improvements, Media Center improvements, Safety / Security Upgrade		
Pioneer Middle School	1%	6	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Fire Sprinkler Protection. Upgrade lighting to T8 and Emergency Lighting, HVAC Improvements, Media Center improvements, and Safety / Security Upgrade		
Riverland Elementary School	1%	3	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.) and HVAC Improvements		
Rock Island Elementary School	1%	5	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.) and HVAC Improvements		
Silver Ridge Elementary School	1%	6	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.) and HVAC Improvements		
Sunset Lakes Elementary School	1%	2	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.) and HVAC Improvements		
Walker Elementary School	1%	5	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Fire Alarm, and HVAC Improvements		
Westchester Elementary School	1%	4	Building Envelope Improvements (Roof, Window, Exterior Wall, etc.), Electrical Improvements, Fire Sprinklers, HVAC Improvements, Media Center improvements		

BIG 3 HIGHLIGHTS

Included in the following pages are updates on the scope of work at **Blanche Ely High School**, **Northeast High School**, and **Stranahan High School** for the quarter ending September 30, 2019.

BLANCHE ELY HIGH SCHOOL



NORTHEAST HIGH SCHOOL

STRANAHAN HIGH SCHOOL



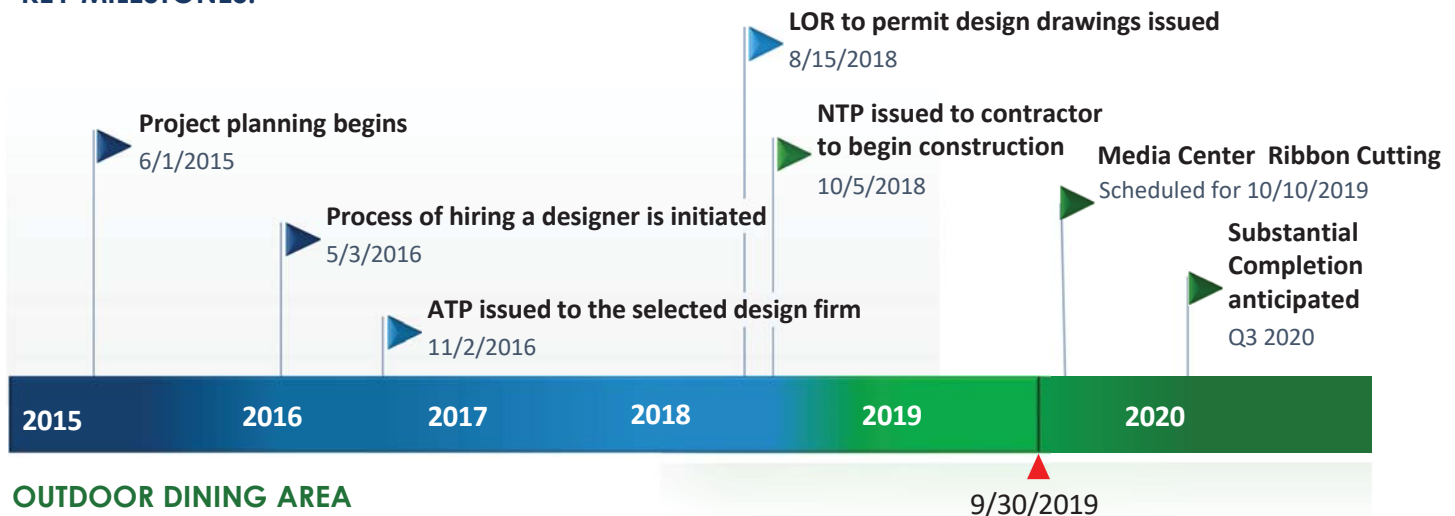


BLANCHE ELY HIGH SCHOOL

PRIMARY RENOVATIONS: **ACTIVE CONSTRUCTION** 34%

After experiencing obstacles in the Design phase, Blanche Ely's Primary Renovations project has been making progress since entering construction. 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:



OUTDOOR DINING AREA

- ▶ Roofing work in progress
- ▶ New walkways and drainage installed in the breezeway outside of building 14

MEDIA CENTER

- ▶ New floors, ceiling tiles, furniture, circulation desk, and lighting fixtures installed
- ▶ Grand opening scheduled for October 2019

BUILDING 1

- ▶ Interior chilled water replacement completed
- ▶ New ceilings installed in hallways

BUILDING 14

- ▶ ADA restroom renovations at the south of the building ongoing
- ▶ Underground restorations complete
- ▶ Concession stand upgrade underway; constructed interior walls to come



BLANCHE ELY HIGH SCHOOL

SCHOOL CHOICE ENHANCEMENT: IMPLEMENTATION PHASE 99%

ITEMS DELIVERED AND INSTALLED:

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



**The school is determining how to spend the remaining funds (\$195.17).*



ATHLETICS: COMPLETE

- ▶ Weight room renovations
- ▶ Track upgrades



BLANCHE ELY HIGH SCHOOL

Media Center Complete



Outdoor Dining Area In Progress



Building 14 – Restrooms & Concession Stand In Progress



Building 1 – Chilled Water Piping Complete



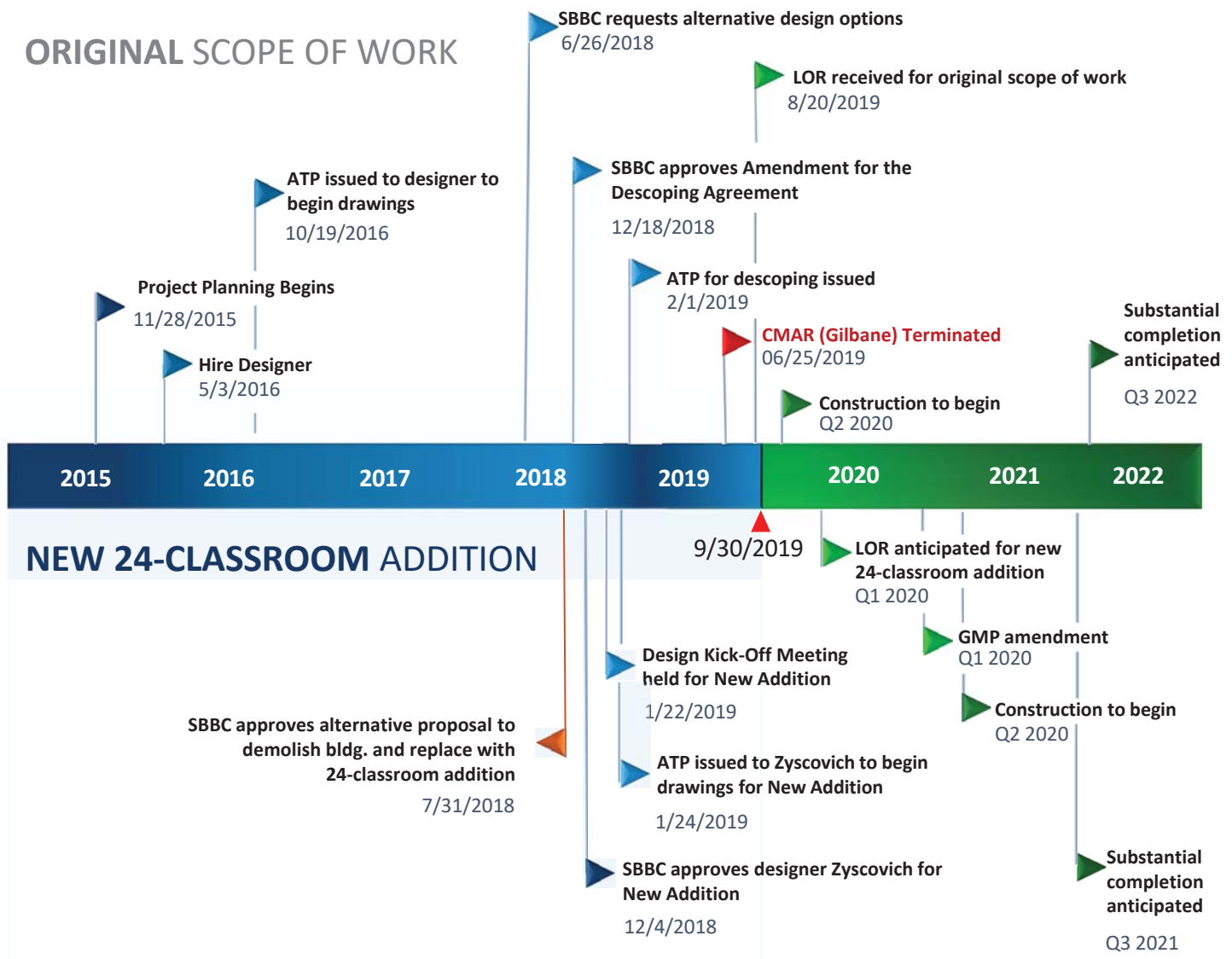


NORTHEAST HIGH SCHOOL

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 addition contributing to the length of time spent in Design to date.

KEY MILESTONES:





NORTHEAST HIGH SCHOOL

ORIGINAL SCOPE

PRIMARY RENOVATIONS (PHASE 1): **HIRING CONTRACTOR** 5%

- ▶ The de-scoped 100% Construction Documents permit was approved on August 20, 2019
- ▶ The School Board approved the Construction Agreement with Pirtle Construction Company to replace Gilbane as the Construction Manager
- ▶ Preparing ATP for pre-construction services, with GMP negotiations to follow

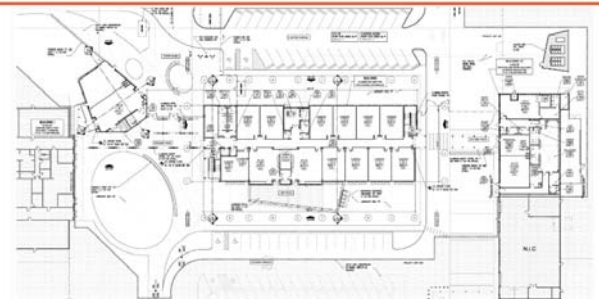


NEW CLASSROOM ADDITION

PRIMARY RENOVATIONS (PHASE 2): **DESIGN PHASE** 45%

- ▶ 50% Construction Documents are in progress

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 is determining how to spend the remaining funds (\$6,161.6).

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.

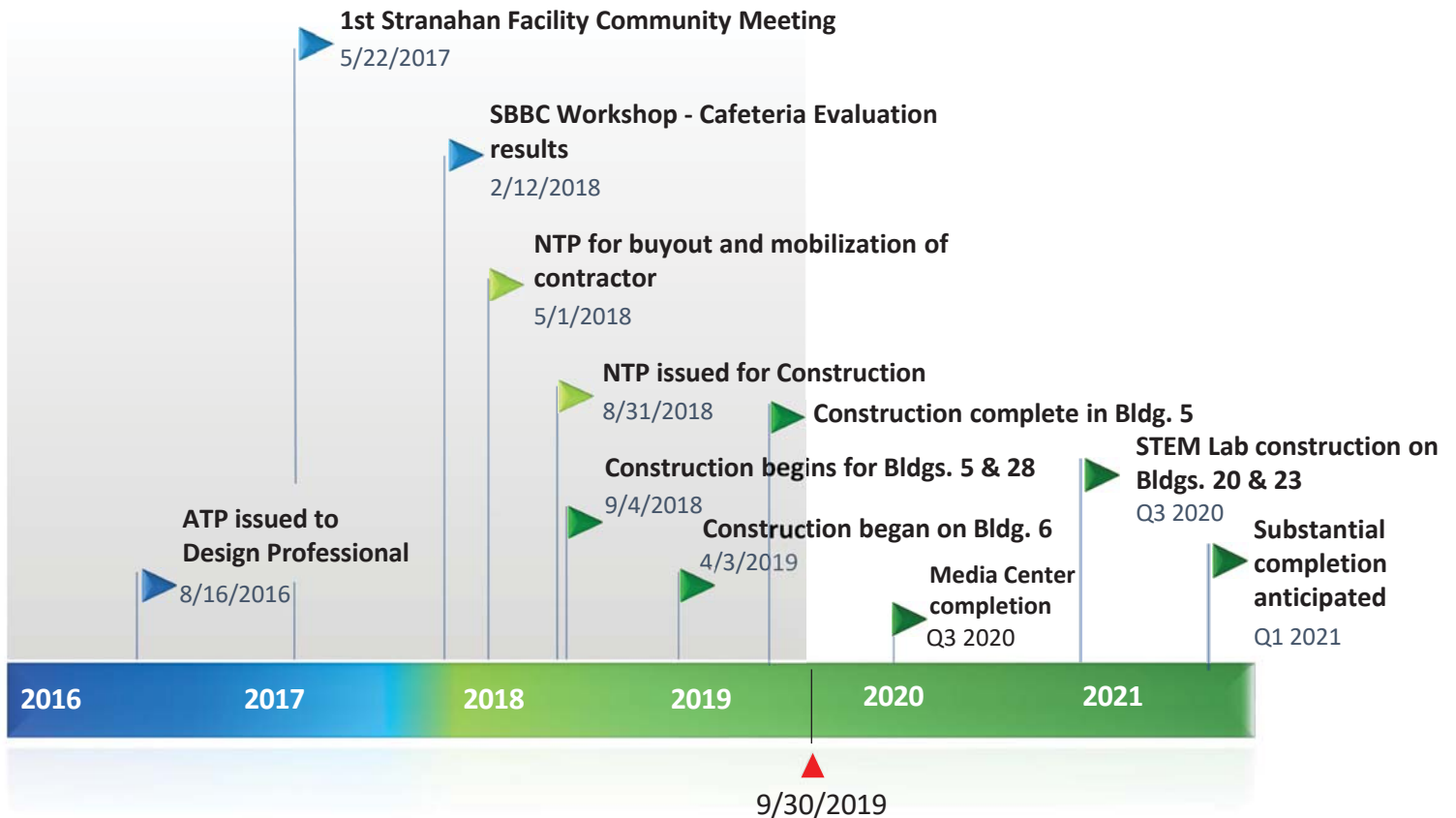


STRANAHAN HIGH SCHOOL

PRIMARY RENOVATIONS: **ACTIVE CONSTRUCTION** 22%

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 22%

BUILDING 5 – Complete

- ▶ Roofing repairs
- ▶ HVAC replacements
- ▶ Fire alarm upgrade
- ▶ Male and female restrooms
- ▶ New aluminum canopy and ramp

BUILDING 6 – In Progress

- ▶ Fire alarm system
- ▶ Re-roofing work

BUILDING 7 – In Progress

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

BUILDING 2 (AUDITORIUM) – Complete

- ▶ Fire sprinkler system upgrade
- ▶ HVAC improvements
- ▶ Chiller replacement





STRANAHAN HIGH SCHOOL

PRIMARY RENOVATIONS : **CONSTRUCTION PHASE** 22% (contd.)

BUILDING 8

- ▶ Cooling tower and chiller replacement

BUILDING 15 (GYMNASIUM) – Complete

- ▶ Air conditioning upgrades

BUILDINGS 10, 17 & 21 – In Progress

- ▶ HVAC improvements

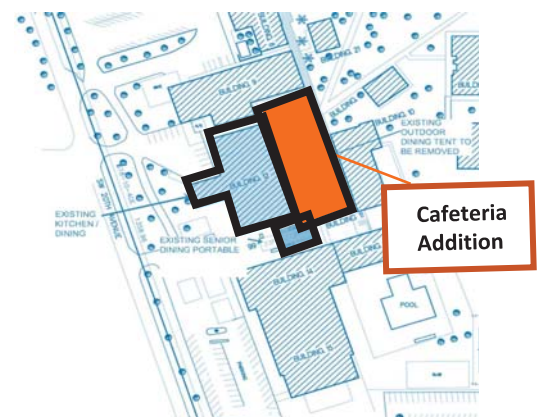
CAMPUS WIDE – In Progress

- ▶ Fire alarm upgrade

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 contiguous to dining area
 - ▶ Food court concept for food service area
- ▶ Electrical improvements
- ▶ HVAC improvements
- ▶ Roof replacement



KEY HIGHLIGHTS

- ▶ Currently in re-design at 50% drawings
- ▶ Design team is working to get the addition within the allotted budget



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 determining how to spend the remaining funds (\$13,219.84).*



ATHLETICS: COMPLETE

- ▶ Weight room renovations
- ▶ Track upgrades

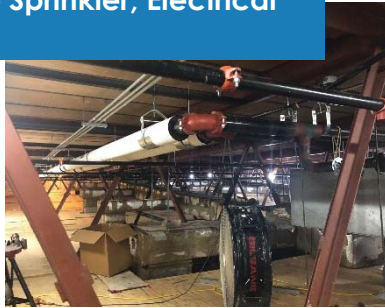


STRANAHAN HIGH SCHOOL

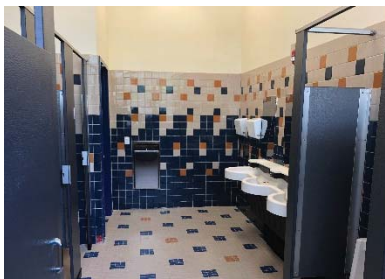
Building 1 – HVAC Replacement Before & After



Building 2 - HVAC, Fire Sprinkler, Electrical & Mechanical



Building 5 – Restrooms Before & After



Building 5 - Re-Roofing Before & After



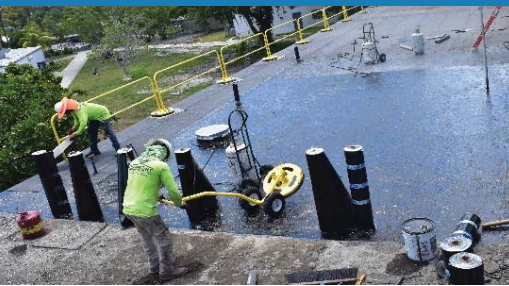


STRANAHAN HIGH SCHOOL

Building 5 – HVAC Air Handling Units



Buildings 6 & 7 Roofing



Building 7 – Restroom Demolition & Plumbing



Building 8 - HVAC Chiller Replacement Before & After



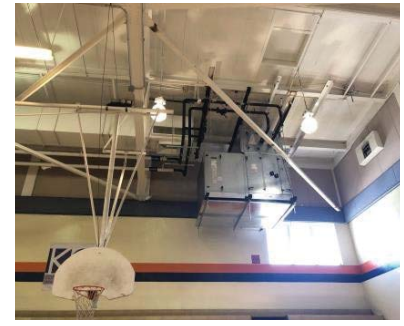
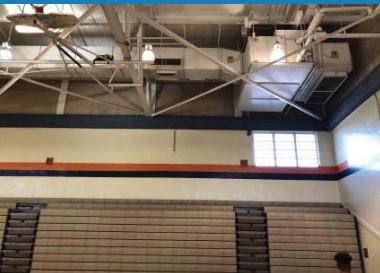


STRANAHAN HIGH SCHOOL

Building 8 – HVAC Cooling Tower/Electrical Before & After



Building 15 - HVAC Air Handling Units



Building 17 - HVAC Air Handling Units





STRANAHAN HIGH SCHOOL

Auditorium Renovations



Site Work – Fire Alarm, Fire Sprinkler, Plumbing



PROJECT SCHEDULE & BUDGET FLAGS

Several revisions have been made to this report to promote transparency for reporting delays and schedule flags. Included below are the listed changes:

- ▶ Schedule flags have been grouped in the table and chart below based on the reason for delay:
 - ▶ **Designer Selection** – A few remaining year-5 projects have been placed on hold pending a determination on the appropriate delivery method for selecting a Design team.
 - ▶ **Design Delays** – Delays are attributed to designer failure to meet contractual obligations with submittals, multiple reviews and resubmittals for permitting.
 - ▶ **Roofing Assessments** – Delays have resulted while the project undergoes a “roofing reality check” and is being evaluated for scope and cost savings before advertising for bid or proceeding with construction.
 - ▶ **Construction** – The inability to recover time from previous delays, scope revisions and contractor concerns cause some of the delays that occur during the Construction phase.
- ▶ If a school is at a risk of missing the planned completion date for the next phase, a comment has been provided on the spotlight to notate the status.
- ▶ We have included an indicator to show if a school was previously flagged from last quarter or if the flag is new.
- ▶ Included below is a snapshot of the schedule and budget flags identified in this report followed by a chart listing the flags and their corresponding flag comments. School Choice Enhancement flags are listed within the SCEP subsection.

Project Scope	Designer Selection	Design Related Delays	Roofing Assessments	Construction Phase Delays	Other	Budget Flags	Total	Previous Quarter Flags
Primary Renovations	8	31	16	8	10	12	85	55
Other (Weight Room, Fire Alarm, etc.)		3					3	2
School Choice Enhancements					23		23	11
Total	8	34	16	8	33	12	111	68

► DESIGNER SELECTION

Included below are the list of schools that had **primary renovation schedule flags this quarter that were due to the designer selection process.**

Schools	Project	Phase	Flagged FY20 Q1	Previously Flagged?	Comments
Cresthaven Elementary School	Primary Renovations	Hire Design Team	S	Yes	Decision on the delivery method is pending Board approval.
Deerfield Beach High School	Primary Renovations – Phase 2	Hire Design Team	S	Yes	Decision on the delivery method is pending Board approval.
Deerfield Beach Middle School	Primary Renovations	Hire Design Team	S	Yes	The design firm ATP has been rescinded pending change in delivery method. Decision to be made on the delivery method.
Lyons Creek Middle School	Primary Renovations	Hire Design Team	S	Yes	The design firm ATP has been rescinded pending change in delivery method. Decision to be made on the delivery method.
Monarch High School	Primary Renovations	Hire Design Team	S	Yes	The design firm ATP has been rescinded pending change in delivery method. Decision to be made on the delivery method.
New Renaissance Middle School	Primary Renovations	Hire Design Team	S	Yes	Decision on the delivery method is pending Board approval.
Sheridan Technical High School	Primary Renovations	Hire Design Team	S	Yes	The design firm ATP has been rescinded pending change in delivery method. Decision to be made on the delivery method.
Silver Lakes Middle School	Primary Renovations	Hire Design Team	S	Yes	Decision on the delivery method is pending Board approval.

► DESIGN RELATED DELAYS

Included below are the list of schools that had **primary renovation schedule flags this quarter that were due to design related concerns.**

Schools	Project	Phase	Flagged FY20 Q1	Previously Flagged?	Comments
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. The submittal is expected to be delivered in Q4 2019. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions.
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 fourth submission. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions.
Boyd H. Anderson High School	Primary Renovations	Design	S	Yes	Reason: Delays have occurred in the permitting process of the design phase. The design firm has taken an average of two months to submit each of the first two design drawing sets for review by the Building Department. The design firm has taken three months to submit the fourth revision. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions.

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.

► DESIGN RELATED DELAYS

Schools	Project	Phase	Flagged FY20 Q1	Previously Flagged?	Comments
Broadview Elementary School	Primary Renovations	Design	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, with minor edits required to receive permit. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions. Pending submission of the sixth submission.
Central Park Elementary School	Primary Renovations	Design	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.
Charles Drew Elementary School	Primary Renovations	Design	S	No	Reason: Delays are occurring during design due to an unresponsive design firm. Remedy: The designer is on notice to progress the design. The owner will be enforcing terms of the contract for delays.
Charles Drew Family Resource Center	Primary Renovations	Design	S	No	Reason: Delays are occurring during design due to multiple submissions to close review comments prior to permit review. Remedy: The designer is on notice to progress the design. The owner will be enforcing terms of the contract for delays.
Coral Springs High School	Primary Renovations	Design	S	Yes	Reason: Delays occurred in the permitting process of the design phase. The design firm is taking an above average amount of time to complete each submission for the Building Department on multiple occasions. Submission five is pending. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions.
Deerfield Beach High School	Primary Renovations – Phase 1	Design	S	Yes	Reason: Delays have occurred during the permitting process. The design firm has been non-responsive after the second submission was reviewed and the Building Department provided comments. The design firm must coordinate new electrical feed requirements with FPL prior to the heating HVAC design is approved. Remedy: The design firm has been given directive to coordinate with FPL on the electrical feed requirements. The project is pending response from FPL.
Driftwood Middle School	Primary Renovations	Design	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.
Flamingo Elementary School	Primary Renovations	Design	S	No	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.
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: The Primary Renovation contractor is pricing the fire alarm scope.

FLAG KEY:

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► DESIGN RELATED DELAYS

Schools	Project	Phase	Flagged FY20 Q1	Previously Flagged?	Comments
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.
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.
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 fourth submission for permitting. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions.
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.
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. Remedy: A Letter of Recommendation to Permit has been received. A CSMP contractor has been selected.
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.
Millennium 6-12 Collegiate Academy	Primary Renovations	Design	S	No	Reason: Delays have occurred in 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. Remedy: The owner will be enforcing terms of the contract for delays and multiple submittals.
Northeast High School	Primary Renovations	Hire Contractor	S	No	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. The construction documents have been sent to the new CM firm for review.
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.
Palm Cove Elementary School	Primary Renovations	Construction	S	No	Reason: Delays occurred in the Design and Bid and Award phases. These delays have not been recovered during construction. Remedy: The contractor is nearing completion and is on track per his construction schedule.

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► DESIGN RELATED DELAYS

Schools	Project	Phase	Flagged FY20 Q1	Previously Flagged?	Comments
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.
Piper High School	Primary Renovations	Design	S	No	Reason: Delays have occurred in the permitting phase of the design process. The design firm has required almost two months to submit a second time for permitting, and over 4 months to resubmit again. Remedy: The owner will be enforcing terms of the contract for delays.
Sheridan Hills Elementary School	Primary Renovations	Design	S	No	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 Park Elementary School	Primary Renovations	Design	S	No	Reason: Delays have occurred during the permitting process of the design phase. The design firm has not resolved the roofing design comments from the Building Department. Remedy: The project team will be holding a meeting to resolve the open issues. The owner will be enforcing terms of the contract for delays and multiple resubmissions.
Silver Trail Middle School	Primary Renovations	Construction	S	No	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.
Stirling Elementary School	Primary Renovations	Hire Contractor	S	No	Reason: Delay in Design has occurred due to an above average number of submissions required for permitting. Remedy: The delays from design are not anticipated to be recovered. The construction schedule will be closely monitored to avoid additional delays.
Stranahan High School	Cafeteria Additions / Renovations	Design	S	Yes	Reason: The project 50% design 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 are to be held with the design firm regarding additional fees.
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.
Village Elementary School	Primary Renovations	Design	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.
Western High School	Primary Renovations	Design	S	No	Reason: Delays are occurring in completing the construction documents during the design phase. The design firm is nonresponsive. Remedy: The design firm is being issued a notice of delay. The owner will be enforcing terms of the contract for delays.

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► DESIGN RELATED DELAYS

Schools	Project	Phase	Flagged FY20 Q1	Previously Flagged?	Comments
Whiddon-Rogers Education Center	Primary Renovations	Design	S	No	Reason: Delays have occurred throughout the design phase. There is currently a delay in the review of the 100% Construction Documents. Multiple meetings have been required in order to closeout comments. Currently dealing with a roofing design issue, which may require changes to the design to accommodate existing conditions. Remedy: The project is being closely reviewed to provide a quality design. The owner will be enforcing terms of the contract for delays.
Wingate Oaks Center	Primary Renovations	Hire Contractor	S	No	Reason: Delay in Design has occurred due to an above average amount of Construction Document submittals to the Building Department. Letter of Recommendation for permit has been received. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmittals. The project will be closely watched during construction to avoid further delays.

► ROOFING ASSESSMENT

Included below are the list of schools that had **primary renovation schedule flags this quarter that were due to the roofing reality check.**

Schools	Project	Phase	Flagged FY20 Q1	Previously Flagged?	Comments
Chapel Trail Elementary School	Primary Renovations	Hire Contractor	S	No	Reason: The project has just completed 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 roofing reality check has been completed and the project is now delayed by a quarter.
Davie Elementary School	Primary Renovations	Hire Contractor	S	No	Reason: The project has just completed 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 roofing reality check has been completed and the project is now delayed by two quarters.
Deerfield Park Elementary School	Primary Renovations	Hire Contractor	S	No	Reason: The project is currently pending a roofing reality check before bidding which has caused a delay. The purpose of the reality check is to identify opportunities for cost and scope efficiencies. Remedy: The roofing reality check has the potential for schedule and cost savings to the project.
Fort Lauderdale High School	Primary Renovations	Hire Contractor	S	No	Reason: Delays have occurred in the Bid and Award phase. The project was temporarily on hold pending the roofing consultant review. Additionally the contractor has had difficulty providing accurate documents needed prior to executing a Notice to Proceed. Remedy: The contractor has been notified of the delay and is resolving the document issue in order to receive a Notice to Proceed.
Hollywood Park Elementary School	Primary Renovations	Hire Contractor	S	No	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.
James S. Rickards Middle School	Primary Renovations	Hire Contractor	S	Yes	Reason: The project has just completed a roofing reality check before bidding which caused delays. The purpose of the reality check is to identify opportunities for cost and scope efficiencies. Remedy: The roofing reality check has been completed and the project is progressing.

FLAG KEY:

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► ROOFING ASSESSMENT

Schools	Project	Phase	Flagged FY20 Q1	Previously Flagged?	Comments
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.
New River Middle School	Primary Renovations	Hire Contractor	S	No	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 Fork Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: The project is currently pending a roofing reality check before bidding which has caused a delay. The purpose of the reality check is to identify opportunities for cost and scope efficiencies. Remedy: The roofing reality check has the potential for schedule and cost savings to the project.
North Lauderdale Pre K - 8	Primary Renovations	Hire Contractor	S	No	Reason: The project is currently pending a roofing reality check before bidding which has caused a delay. The purpose of the reality check is to identify opportunities for cost and scope efficiencies. Remedy: The roofing reality check has the potential for schedule and cost savings to the project.
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 prior to advertising for bids. The purpose of the reality check is to identify opportunities for cost and scope efficiencies.
Riverglades Elementary School	Primary Renovations	Hire Contractor	S	No	Reason: Delays occurred during the Bid and Award phase due to a required roofing reality check and concerns with the selected bid. The roofing reality check has been completed. Additional review of the bid took place, along with site visits and verification of scope to guarantee the quality of the bid. Remedy: The roofing reality check has been completed and all concerns have been alleviated. The Notice to Proceed is being executed.
Sawgrass Springs Middle School	Primary Renovations	Hire Contractor	S	Yes	Reason: The project is currently pending a roofing reality check before advertising for bids. The purpose of the reality check is to identify opportunities for cost and scope efficiencies. Remedy: The roofing reality check has the potential for schedule and cost savings to the project.
Sea Castle Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delay in Design has occurred due to a high amount of Construction Document submittals to the Building Department. The project schedule planned for 3 submittals when the design firm took 5 submittals to reach approval. Additionally, the project is currently pending a roofing reality check before bidding which has caused a delay. The purpose of the reality check is to identify opportunities for cost and scope efficiencies. Remedy: The owner will be enforcing terms of the contract for delays and multiple resubmissions by the design firm. The roofing reality check has the potential for schedule and cost savings to the project.
South Broward High School	Primary Renovations	Hire Contractor	S	Yes	Reason: The project is currently pending a roofing reality check before bidding which has caused a delay. The purpose of the reality check is to identify opportunities for cost and scope efficiencies. Remedy: The roofing reality check has the potential for schedule and cost savings to the project.

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► ROOFING ASSESSMENT

Schools	Project	Phase	Flagged FY20 Q1	Previously Flagged?	Comments
Sunrise Middle School	Primary Renovations	Hire Contractor	S	Yes	Reason: The project has just completed a roofing reality check before bidding which caused delays. The purpose of the roofing reality check is to identify opportunities for cost and scope efficiencies. Remedy: The roofing reality check has been completed and the project is now delayed by two quarters.

► CONSTRUCTION PHASE DELAYS

Included below are the list of schools that had **primary renovation schedule flags this quarter** due to delays that occurred **during the course of construction**.

Schools	Project	Phase	Flagged FY20 Q1	Previously Flagged?	Comments
Annabel C. Perry Pre K - 8	Primary Renovations	Construction	S	No	Reason: Delays occurred due to roofing sub-contractor requiring replacement. The new sub-contractor is on board with roofing work beginning shortly. The contract is currently late. Remedy: A possible change order for the schedule impact may occur. Currently reviewing the evidence for or against the change order prior to submitting it for Board approval.
Banyan Elementary School	Primary Renovations	Construction	S	No	Delays are being experienced in the start of construction due to roofing submittals requiring multiple revisions. The project is currently delayed by four months. Scheduled construction duration was unrealistic and completion is now anticipated in late Q4 2019, or early Q1 2020.
Bayview Elementary School	Primary Renovations	Construction	S	No	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.
Castle Hill Elementary School	Primary Renovations	Construction	S	Yes	Reason: Delays have occurred during the construction phase. The contractor was delayed for a month at the principals request. Additionally, there were delays of six months in receiving a roofing permit. Remedy: A notice of excessive delays is being issued to the contractor regarding the delays. The contractor has committed to providing an updated schedule for completion by October 1st.
Eagle Ridge Elementary School	Primary Renovations	Construction	S	Yes	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: Refrigerant monitor is pending final inspection, and the exhaust system repair is pending completion by PPO.
Forest Hills Elementary School	Primary Renovations	Construction	S	Yes	Reason: Delays have occurred in construction due to the roofing sub-contractor. The roofing sub-contractor has not submitted adequate roofing submittals. Remedy: The contractor has been put on notice twice. The contractor has hired a new roofing subcontractor to overcome the submittal issues.
Lauderdale Lakes Middle School	Primary Renovations	Construction	S	No	Reason: Previously delays have occurred in the design and bid and award phases. Remedy: These delays were not recovered. Additional minor delays have occurred during construction. Delays started with replacement of the roofing sub-contractor. Original subcontractor 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.

FLAG KEY:

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► CONSTRUCTION PHASE DELAYS

Schools	Project	Phase	Flagged FY20 Q1	Previously Flagged?	Comments
McNicol Middle School	Primary Renovations	Construction	S	Yes	Reason: Delays occurred during construction due to the need for replacement of the roofing sub-contractor. Remedy: The subcontractor has been replaced and the roofing work is in progress.

► OTHER

Included below are the list of schools that had **primary renovation schedule flags this quarter due to other concerns** outside of the listed categories above.

Schools	Project	Phase	Flagged FY20 Q1	Previously Flagged?	Comments
Attucks Middle School	Primary Renovations – Phase 2	Hire Contractor	S	Yes	The CSMP Contractor was directed to split the price of the Media Center improvements and Envelope improvements to potentially achieve better pricing and schedule management. Pricing has been received. Meeting with the principal and contractor is pending.
Coconut Creek Elementary School	Primary Renovations	Construction	S	Yes	Reason: Delays previously occurred in design and bid and award. Remedy: The contractor is currently on schedule per the construction schedule. The work is complete with Substantial Completion certification pending.
Cypress Elementary School	Primary Renovations	Construction	S	Yes	Reason: Delays previously occurred in design and bid and award. Remedy: The contractor is currently on schedule per the construction schedule. The work is complete with Substantial Completion certification pending.
Deerfield Beach Elementary School	Primary Renovations	Hire Contractor	S	No	Reason: Delays have occurred in the Bid and Award phase due to revisions of the scope. The window replacement and lead based paint abatement is being included in the bid documents. Remedy: All departments have approved the revisions, and the project is preparing to advertise for bid.
Glades Middle School	Primary Renovations	Hire Contractor	S	No	Reason: Delays have occurred during the Bid and Award phase due to difficulties in receiving correct quotes from multiple contractors. Remedy: A third contract is currently reviewing the scope in order to submit a quote.
Maplewood Elementary School	Primary Renovations – Phase 1	Hire Contractor	S	No	Reason: Delays have occurred during bid and award due to the contractor selection. A recommendation to reject the first bid is pending Board approval. Remedy: Negotiations have begun with a second bidder. The project is scheduled for Board award in October.
Mirror Lake Elementary School	Primary Renovations	Hire Contractor	S	No	Reason: Delays have occurred during Bid and Award due to the contractor failing to submit an accurate construction schedule. Remedy: Coordination between the principal and the contractor is taking place to produce the schedule.
Pine Ridge Education Center	Primary Renovations	Construction Closeout	S	No	The project is pending repairs to be made by PPO which were identified during the Test and Balance.

FLAG KEY:

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► OTHER

Schools	Project	Phase	Flagged FY20 Q1	Previously Flagged?	Comments
Silver Lakes Elementary School	Primary Renovations	Construction	S	No	Reason: Delays occurred during the design and bid and award phases. These delays have not been recovered during construction. Remedy: The contractor is currently on schedule per the contract. The project is being closely watched to avoid additional delays during construction.
Tamarac Elementary School	Primary Renovations	Hire Contractor	S	Yes	Reason: Delays have occurred during bid and award related to the quotes from multiple CSMP firms which are higher than expected. Remedy: PPO is currently assembling a quote for the work while the principal is being coordinated with to move the work forward.

► BUDGET FLAGS

Included below are the list of schools that had **budget flags this quarter**.

Schools	Project	Flagged FY20 Q1	Previously Flagged?	Comments
Bright Horizons Center	Primary Renovations	B	No	Additional funding of \$1,893,100 was approved by the Board on 7/23/19 in conjunction with the approval to award the construction agreement for the project.
Dave Thomas Education Center - East	Primary Renovations	B	No	Additional funding of \$1,861,494 was approved by the Board on 7/23/19 in conjunction with the approval to award the construction agreement for the project.
Embassy Creek Elementary School	Primary Renovations	B	No	Additional funding of \$1,340,700 was approved by the Board on 8/6/19 in conjunction with the approval to award the construction agreement for the project.
Everglades High School	Primary Renovations	B	No	Additional funding of \$2,707,254 was approved by the Board on 8/6/19 in conjunction with the approval to award the construction agreement for the project.
Fort Lauderdale High School	Primary Renovations	B	No	Additional funding of \$1,363,887 was approved by the Board on 8/6/19 in conjunction with the approval to award the construction agreement for the project.
James S. Rickards Middle School	Primary Renovations	B	No	Additional funding of \$5,449,080 was approved by the Board on 9/17/19 in conjunction with the approval to award the construction agreement for the project.
McFatter Technical College, Broward Fire Academy	Primary Renovations	B	No	Additional funding of \$358,512 was approved by the Board on 9/17/19 in conjunction with the approval to award the construction agreement for the project to the CSMP contractor.
Mirror Lake Elementary School	Primary Renovations	B	No	Additional funding of \$2,113,400 was approved by the Board on 7/23/19 in conjunction with the approval to award the construction agreement for the project.
Pembroke Pines Elementary School	Primary Renovations	B	No	Additional funding of \$1,175,000 was approved by the Board on 8/20/19 in conjunction with the approval to award the construction agreement for the project.
Pioneer Middle School	Primary Renovations	B	No	Additional funding of \$3,467,193 was approved by the Board on 7/23/19 in conjunction with the approval to award the construction agreement for the project.
Riverglades Elementary School	Primary Renovations	B	No	Additional funding of \$448,177 was approved by the Board on 9/4/19 in conjunction with the approval to award the construction agreement for the project.
Sunset Lakes Elementary School	Primary Renovations	B	No	Additional funding of \$1,780,500 was approved by the Board on 8/20/19 in conjunction with the approval to award the construction agreement for the project.

FLAG KEY:

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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's goals.

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

Due to the sensitive nature of the projects and concerns for safety, the Bond Oversight Committee Report no longer includes details about the individual statuses of Single Point of Entry Projects. Included below is a brief summary of the projects and where they stand.

SINGLE POINT OF ENTRY SUMMARY

Data through September 30, 2019



Comparison of previously reported data: **June 30, 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 for construction, and approval of the agreement written for the chosen contractor.

The following provides a snapshot of projects that achieved a milestone during the last quarter:

July 1, 2019 – September 30, 2019

38 BOARD ACTIONS

PSA AMENDMENTS

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

12

Previously Reported: 6

Atlantic Technical College
Dillard 6-12 School
Fairway Elementary
Hawkes Bluff Elementary
Margate Elementary
McArthur High
Oakridge Elementary
Pompano Beach Middle
Ramblewood Elementary
Silver Trail Middle
Stranahan High
Tequesta Trace Middle

ADVERTISE FOR BIDS

Board approves process of seeking bids from contractors

8

Previously Reported: 17

Boulevard Heights Elementary
Challenger Elementary
Floranada Elementary
Henry D. Perry Education Center
Lakeside Elementary
Millennium 6-12 Collegiate Academy
Panther Run Elementary
Virginia Shuman Young Montessori

BID RECOMMENDATIONS

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

11

Previously Reported: 15

Bright Horizons Center
Dave Thomas Education Center- East
Embassy Creek Elementary
Everglades High
Fort Lauderdale High
James S. Rickards Middle
Mirror Lake Elementary
Pembroke Pines Elementary
Pioneer Middle
Riverglades Elementary
Sunset Lakes Elementary

BOARD ACTIONS QUARTERLY RECAP

DESIGN PSA

Board approves the professional services agreement presented by the design firm

2

Previously Reported: 1

Hollywood Hills Elementary
North Andrews Gardens Elementary

CMAR AGREEMENTS

Board approves contract with recommended CMAR

1

Previously Reported: 0

Northeast High

ADDITIONAL FUNDING

Board approves additional funding

1

Previously Reported: 3

McFatter Technical College
Broward Fire Academy

RFQs

Board approves a request for qualifications from designer

0

Previously Reported: 0

GMP AMENDMENTS

Board approves Guaranteed Maximum Price presented by CMAR (CMAR delivery method)

0

Previously Reported: 3

No GMP Amendments for SMART Renovations were submitted for approval.

CHANGE ORDERS

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

2

Previously Reported: 5

Eagle Ridge Elementary
Lauderdale Lakes Middle

COMPLETE

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

1

Indian Ridge Middle School

CHANGE ORDERS

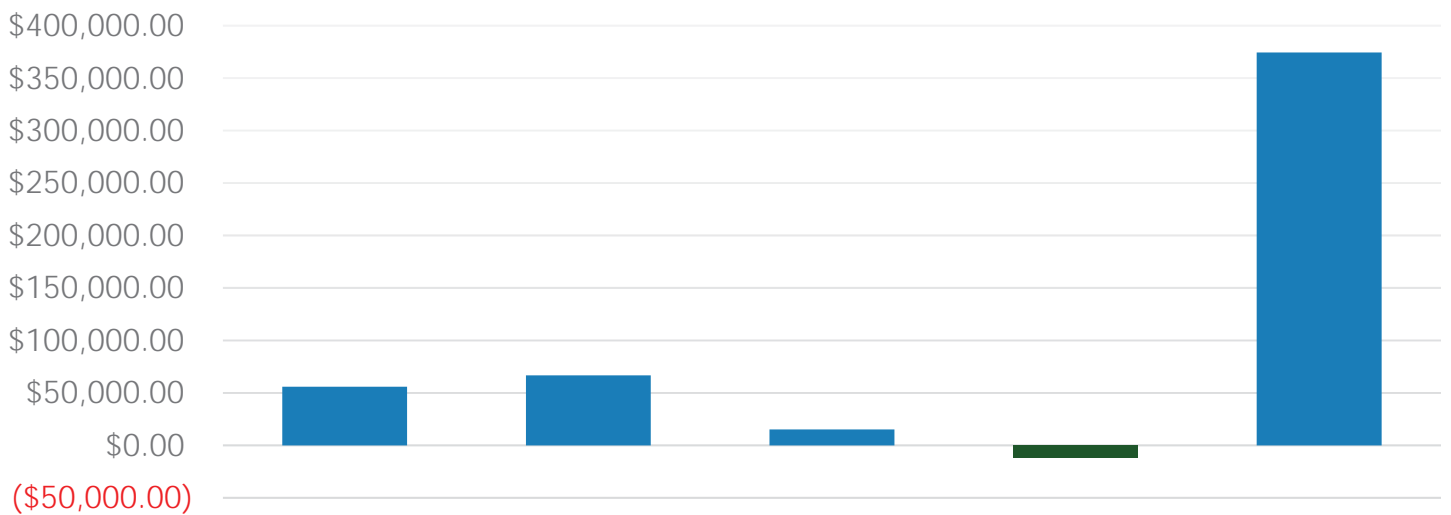
TRACKING AND REPORTING CHANGE ORDERS

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.

- ▶ To date, change orders are tracking at **0.10%** 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)	\$55,865.00	\$66,699.00	\$15,186.56		\$374,348.00
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
Eagle Ridge ES – GOB renovations	\$113,887.00	5%
Boyd Anderson HS – Media center remodeling	\$87,081.00	11%
Manatee Bay ES – SMART Program renovations	\$82,083.00	4%
Lauderdale Lakes MS – Building renovations	\$96,380.00	2%
Cypress ES – SMART building renovations	\$50,353.00	2%
Indian Ridge MS – GOB renovations	\$32,409.00	1%
McNicol MS – SMART Program renovations	\$23,508.00	3%
Coconut Creek ES – Building renovations	\$17,799.00	0.5%
Lauderhill 6-12 STEM-MED Magnet School – Single Point of Entry – SMART Program	\$13,744.00	6%
Olsen MS – Single Point of Entry – SMART Program	\$11,588.00	7%
Lake Forest ES – Repair roof on building 4	\$11,222.31	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%
South Plantation HS – Single Point of Entry – SMART Program	\$7,048.00	4%
Village ES – Single Point of Entry – SMART Program	\$4,600.00	3%
Tequesta Trace MS – Single Point of Entry – SMART Program	\$4,163.00	3%
Royal Palm ES – Single Point of Entry – SMART Program	\$2,870.00	2%
Cross Creek School – Single Point of Entry – SMART Program	\$2,030.00	1%
Subtotal (transferred from budgeted contingencies)	\$577,144.31	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.

Section 5

Facilities Sub-Section



SCHOOL CHOICE ENHANCEMENT PROGRAM (SCEP)

SCEP HIGHLIGHTS & QUARTERLY RECAP



9



SCHOOLS COMPLETE THIS QUARTER

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

83



SCHOOLS COMPLETE TO-DATE

The official designation of **complete** indicates that all SCEP items have been both delivered and installed, with no funds remaining to be spent

1,224



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**

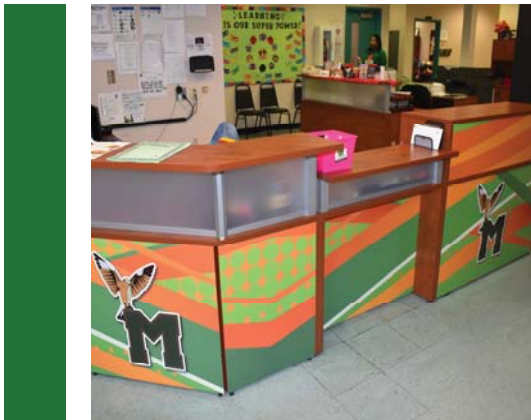
HIGHLIGHTS & QUARTERLY RECAP

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

	PREVIOUS QUARTER ENDING JUNE 30, 2019	CURRENT QUARTER ENDING SEPTEMBER 30, 2019
 1 Planning/ Design	41	37
 2 Implement Improvements	115	110
 3 Improvements Complete	74	83
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**.

SCEP PROJECTS COMPLETED THIS QUARTER



C. Robert Markham Elementary School

(District 7)

Items Delivered: Furniture (student desks, chairs, cafeteria tables, front office furniture) and water bottle filling stations.



Coconut Palm Elementary School

(District 2)

Items Delivered: Aiphone, basketball shade structure, AC adaptors, laptops, Recordex Interactive Systems and playground PIP rubber.



Hawkes Bluff Elementary School

(District 2)

Items Delivered: Student chairs, LCD projectors, playground upgrades, classroom blinds, and shade structure.

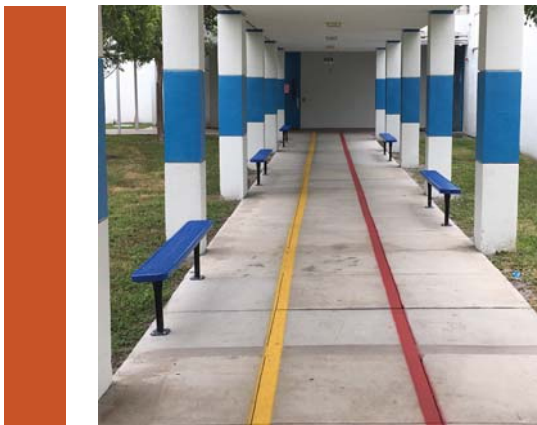
SCEP PROJECTS COMPLETED THIS QUARTER



Horizon Elementary School

(District 5)

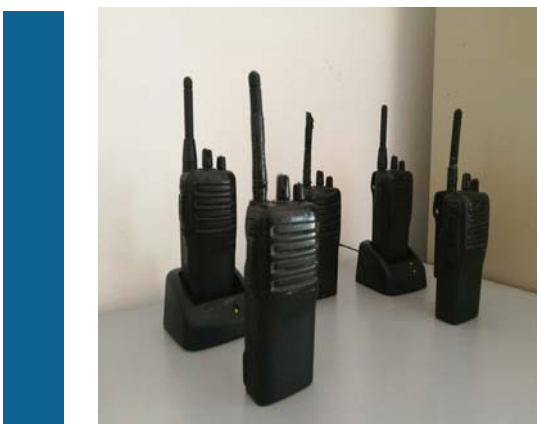
Items Delivered: Badge maker, outdoor PA system, printers, classroom rugs, Recordex Interactive Systyems, digital poster maker, laptops, morning show equipment and reading tables.



Dr. Martin Luther King, Jr. Montessori Academy

(District 5)

Items Delivered: Murals, digital marquee, laptops, outdoor benches, printers and Promethean boards.



Lauderhill Community School at Park Lakes Learning Center

(District 5)

Items Delivered: Radios, desktop computers and laptop carts.

SCEP PROJECTS COMPLETED THIS QUARTER



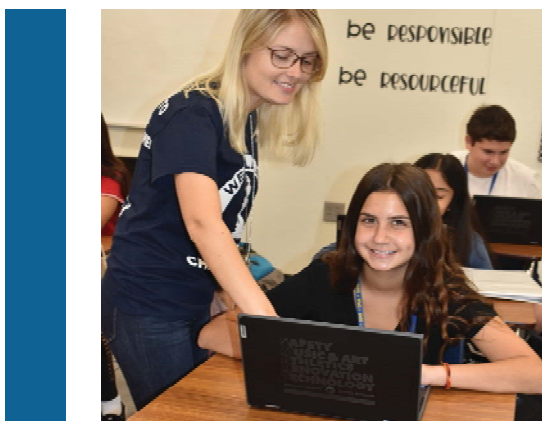
Sheridan Technical High School (District 3)

Items Delivered: Laptops and backpacks



South Broward High School (District 1)

Items Delivered: Classroom projectors and auditorium sound system.



Westglades Middle School (District 4)

Items Delivered: Classroom projectors, laptops, laptop carts and cart wiring.

SCHOOL CHOICE IN ACTION:

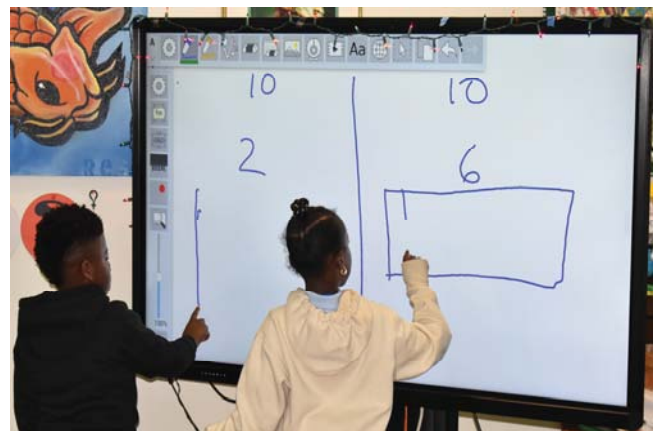


HORIZON ELEMENTARY SCHOOL

Horizon Elementary School is one of the 83 schools that have completed its SCEPT enhancements with all items delivered and installed.

Some of the new technologies now available to students and teachers include **Recordex Interactive Systems, a digital poster maker, morning show equipment and laptops**. In addition to that, the school also received **classroom rugs, a badge maker, an outdoor PA system, printers, laptop carts and reading tables**.

Items like the Recordex Interactive System enhance the classroom experience by making it easier for teachers to transition from lesson to lesson with its user-friendly navigation and easy to use features such as, the ability to mark-up live images, zoom in and out of the whiteboard and export a lesson to a PDF within seconds.



Laptops are one of the most common items delivered to schools across the District because of the many ways it adds to a student's learning experience. Students at Horizon Elementary benefit from the student-specific lessons, online collaboration, and endless pool of resources provided by their school laptops.

The School Choice Enhancement Program continues its commitment to providing the highest quality classroom experience for its students, faculty and staff.

SUMMARY OF SCEP PROJECTS: COMPLETE

The following list of School Choice Enhancement projects are sorted by phase, and alphabetically by school name:

83 SCHOOLS COMPLETE

SCHOOL NAME	DISTRICT	STATUS
Annabel C. Perry Pre K - 8 (f.k.a. Annabel C. Perry Elementary)	1	Items 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	Items Delivered: Furniture/renovation for the media center
Atlantic Technical, Arthur Ashe, Jr Campus	5	Items Delivered: Renovation/furniture for the Media Center
Attucks Middle School	1	Items Delivered: Front office renovation, murals, facilities equipment, technology, lab remodeling, media center upgrade, LCD projectors and an interior audio system
Bair Middle School	5	Items Delivered: Projector, Portable Sound System, Cafeteria Sound system, Indoor Office Furniture, Laptops and an earth cart.
Beachside Montessori Village	1	Items Delivered: Music equipment, athletic equipment, math and science equipment, portable sound system, Cafeteria audio system, Microscopes, Cabinets and laptops.
Boyd H. Anderson High School	5	Items 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.
C. Robert Markham Elementary School	7	Items Delivered: Furniture (student desks, chairs, cafeteria tables, front office furniture) and water bottle filling stations.

SUMMARY OF SCEP PROJECTS: COMPLETE

83 SCHOOLS COMPLETE (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Charles Drew Elementary School	7	Items 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 & Picnic Tables
Charles Drew Resource Center	7	Items Delivered: Front Office Renovation, Microphones, Office Furniture, (8) Elmo Boards, (6) Speakers, Printers, Outdoor Benches & (12) ThinkPad's
Coconut Creek Elementary School	7	Items Delivered: TVs, playground upgrades, outdoor benches & table
Coconut Palm Elementary School	2	Items Delivered: PIP rubber surfacing, basketball shade structure, aiphone submaster station, Recordex, (2) AC adapters & Laptops
Coral Cove Elementary School	2	Items Delivered: (46) LCD projectors ceiling mounted
Coral Springs High School	4	Items Delivered: ThinkPad's, earth walk carts, printers & projectors
Country Isles Elementary School	6	Items Delivered: Sand replacement with PIP surfacing in K-2 & 3-5 play areas
Cypress Bay High School	6	Items Delivered: Projectors, (112) printers, projector in auditorium, (4) Recordex & Office furniture
Cypress Run Education Center	7	Items 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	Items Delivered: Lenovo laptops, digital marquee & front office furniture

SUMMARY OF SCEP PROJECTS: COMPLETE

83 SCHOOLS COMPLETE (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Dave Thomas Education Center - West	7	Items Delivered: Reconstructing of Room 202, Technology items, outdoor furniture, Recordex & Wall wraps
Dolphin Bay Elementary School	2	Items Delivered: Projectors, Morning Announcement Studio Equipment, Recordex, Laptops, Playground upgrades & new play equipment Pre-K
Dr. Martin Luther King, Jr. Montessori Academy	5	Items Delivered: Interiors murals, outdoor benches, laptop computers, teachers' laptops, printers, promethean boards, digital marquee
Eagle Point Elementary School	6	Items Delivered: Portable PA system, PIP rubber surfacing & Recordex
Eagle Ridge Elementary School	4	Items Delivered: PIP resurfacing & morning show equipment
Embassy Creek Elementary School	6	Items Delivered: Student laptops, classroom projectors ceiling mounted, cafeteria partitions, window blinds & (7) laptops
Everglades High School	2	Items Delivered: Laptops, (6) printers, aiphone & strike
Falcon Cove Middle School	6	Items Delivered: Student laptops and Recordex
Flamingo Elementary School	6	Items Delivered: Partial Replacement of sand with pour in place rubber in the playground, golf cart, iPad and laptops
Forest Glen Middle School	4	Items Delivered: Murals, computer lab furniture, TV Studio equipment, Library Remodeling & Gym bleachers
Forest Hills Elementary School	4	Items Delivered: Digital marquee, Internal Cell Battery, (3) Lenovo laptops

SUMMARY OF SCEP PROJECTS: COMPLETE

83 SCHOOLS COMPLETE (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Fort Lauderdale High School	3	Items Delivered: Golf carts, digital scoreboard tables, Digital Marquee & outdoor concrete patio tables
Gator Run Elementary School	6	Items Delivered: Apple iPad, media center furniture, kindle fire for classroom use, teacher chairs, Recordex Interactive Systems, electric door strikes and proximity pads
Glades Middle School	2	Items Delivered: Apple iPads, books, tablets, Recordex, laptops, P.E. Equipment, camera for TV Production system, technology supplies & HDMI cables
Gulfstream Academy of Hallandale Beach (fka: Hallandale Adult & Community Center)	1	Items Delivered: Student laptops, carts & murals
Hawkes Bluff Elementary School	2	Items Delivered: Student chairs, LCD projector, Primary Playground Upgrades, Classroom blinds & shade structure
Hollywood Hills High School	1	Items Delivered: Two-way radios, front office furniture, chairs, plastic tables, trophy cases, conference, chairs and guidance room furniture
Horizon Elementary School	5	Items 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	Items Delivered: Printers, computers for both staff and students

SUMMARY OF SCEP PROJECTS: COMPLETE

83 SCHOOLS COMPLETE (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Lauderhill Community School at Park Lakes Learning Center (<i>f.k.a. Castle Hill Annex</i>)	5	Items Delivered: Radios, (32) Lenovo M720q Desktops & (4) 30 Unit L380 Laptop Carts
Liberty Elementary School	7	Items Delivered: Chairs, (64) TVs for the classrooms, cafeteria sound system, media TV production system & digital marquee
Lloyd Estates Elementary School	3	Items Delivered: Two-way radios, poster maker, LCD projectors, digital cameras & (12) Recordex
Manatee Bay Elementary School	6	Items Delivered: 6' benches with canopies, computers, carts, robotics material, two-way radios, printers, storage shelving, shade structure for the playground, media production upgrade & classroom tables
McFatter Technical High School & Technical College	6	Items Delivered: Recordex, laptops, Publishing speed treater equipment, (6) Cameras (Video and Still) for Photography and Digital Media, Stage lighting
McFatter Technical College, Broward Fire Academy	6	Items Delivered: Forklift, breathing apparatus & Cylinder
McNicol Middle School	1	Items Delivered: (500) auditorium chairs, sound system for the Gym, projectors, Pass through and Epson equipment & Chairs
Millennium 6-12 Collegiate Academy	4	Items Delivered: Document Cameras, chemistry equipment, media center furniture & Recordex
Miramar Elementary School	1	Items Delivered: Student laptops, safety cones, document cameras, stage curtains, cafeteria sound system, picnic tables, cafeteria blinds, office furniture & digital marquee

SUMMARY OF SCEP PROJECTS: COMPLETE

83 SCHOOLS COMPLETE (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Mirror Lake Elementary School	5	Items Delivered: Laptops, printers, portable PA system, partial P.E. Equipment, classroom furniture, Music (Instruments, lighting, and audio visual) & Athletic equipment
New River Middle School	3	Items Delivered: Projectors for the auditorium, digital video board, camcorder, digital marquee, Laptops, EarthWalk carts, Cart Wiring, EarthWalk Carts, Desktops & External hard drive
Norcrest Elementary School	7	Items Delivered: Document Cameras, student laptops, PIP rubber surfacing replacement & two-way radios
North Side Elementary School	3	Items Delivered: Printers, student laptops, Recordex, window blinds, main office furniture, two-way radios, partial office furniture and murals
Nova High School	6	Items Delivered: Laptops carts, student laptops, technology items, printers, active slates, turf for the field enhancement, scoreboards & Active Hubs
Nova Middle School	6	Items Delivered: Teachers' chairs, Laptops, desktops, think pads & Broadcasting system
Oakridge Elementary School	1	Items Delivered: Marquee letters, classroom carpets, vacuums, wax machine, printers, testing kits, iPad tablets & Recordex
Orange Brook Elementary School	1	Items Delivered: Laptops, carts, furniture, printers, Epson air filters, portable PA, digital marquee, HDMI, Wireless Keyboards, DVD Burner, Headphones & iPad covers
Pasadena Lakes Elementary School	1	Items Delivered: Laptops, furniture, cafeteria sound system & digital marquee

SUMMARY OF SCEP PROJECTS: COMPLETE

83 SCHOOLS COMPLETE (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Pine Ridge Education Center	3	Items Delivered: Projectors, two-way radios, student desks, teacher planning room upgrade, laptops for the computer lab & TV Studio equipment
Piper High School	5	Items Delivered: Picnic tables, main auditorium sound system, mini auditorium sound system, gym sound system, microphones & desktops
Pompano Beach Elementary School	7	Items Delivered: Student laptops, laptop carts, classroom furniture, desks, chairs, bookshelves & tables
Pompano Beach Middle School	7	Items Delivered: Indoor & outdoor furniture, replacement of science tables, replacement of teacher chairs and principal conference room chairs
Ramblewood Middle School	4	Items Delivered: Printers, TVs for the cafeteria, Projector for the cafeteria sound system, cafeteria sound, LCD projectors, 3D Printer, digital marquee
Rock Island Elementary School	5	Items Delivered: Furniture, Mimio boards, document cameras, projectors, printers, bulletin boards & Wayfinding signage
Sawgrass Springs Middle School	4	Items Delivered: Laptops & TV production sound system
Sea Castle Elementary School	2	Items Delivered: Furniture, office furniture, digital marquee, shade structure, science tables, projector, cafeteria sound system, laptops chargers

SUMMARY OF SCEP PROJECTS: COMPLETE

83 SCHOOLS COMPLETE (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Seminole Middle School	6	Items 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 & Label Printer
Sheridan Hills Elementary School	1	Items Delivered: Outdoor benches, cafeteria tables, upgrade to school offices and music room, murals, floor mats, outdoor mats, digital marquee
Sheridan Technical High School	3	Items Delivered: (115) ThinkPad L390, (115) ThinkPad & 15.6-inch Backpacks
Silver Ridge Elementary School	6	Items Delivered: Classroom rugs, Pre-K & K tricycles, LCD projector, picnic benches, Ellison Pro-Machine, laptops, laptop carts, iPad & TV production system
Silver Shores Elementary School	2	Items Delivered: Student laptops, classroom furniture, furniture for computer lab and related arts, electric strike and proximity pad, Shades & Student furniture for the media center
Silver Trail Middle School	2	Items Delivered: Furniture for common areas, student computers & digital marquee
South Broward High School	1	Items Delivered: Projectors & Auditorium sound system
Stirling Elementary School	1	Items Delivered: Projector, laptops, think stations, printers, document cameras, bulletin boards, outdoor picnic tables, conference room furniture, cafeteria sound system, murals, collaboration tables & front office furniture

SUMMARY OF SCEP PROJECTS: COMPLETE

83 SCHOOLS COMPLETE (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Sunland Park Academy	5	Items Delivered: Document cameras, student laptops, projectors, laminator, laptops and DVD Burners
Sunset Lakes Elementary School	2	Items Delivered: New PreK-2 playground, shades for 3-5 play area & fencing to separate the two play areas
Tamarac Elementary School	4	Items Delivered: Furniture for the front office, parent workstation, furniture, cafeteria sound system, digital marquee, projectors, laptops, document cameras and printers
Tedder Elementary School	7	Items Delivered: Teacher chairs, benches for common areas, media center furniture, playground upgrades, digital marquee
Walker Elementary School	5	Items Delivered: Technology for D3 & D4 & laptops
Walter C. Young Middle School	2	Items 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	Items 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	Items Delivered: Media Center furniture, Music upgrades, cafeteria sound system, printers, two-way radios & digital marquee
Westglades Middle School	4	Items Delivered: Classroom Projectors, student laptops, carts, administrative laptops, teacher laptops & cart wiring

SUMMARY OF SCEP PROJECTS: COMPLETE

83 SCHOOLS COMPLETE (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Westwood Heights Elementary School	3	Items Delivered: Book room upgrade, projectors, science lab technology, media center projector, cafeteria upgrades, office furniture, digital marquee & document camera
Whiddon-Rogers Education Center	3	Items Delivered: Signs/banners, backless benches, interior painting, digital marquee, cafeteria tables & laptops
Winston Park Elementary School	7	Items Delivered: Art Tables, Recordex, Televisions, bulletin boards & Cart wiring

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

The following list of School Choice Enhancement projects are sorted by phase, and alphabetically by school name:

110 SCHOOLS IN IMPLEMENTATION

SCHOOL NAME	DISTRICT	STATUS
Apollo Middle School	1	In Progress: Aiphone & strike, ID Maker Machine and printer
Atlantic West Elementary School	7	Items Delivered: Janitorial equipment, folding chairs, digital marquee, front office furniture. In Progress: Shade Structure in PE court
Banyan Elementary School	5	Items Delivered: Murals & playground upgrades In Progress: Digital Marquee
Bayview Elementary School	3	Items Delivered: Cafeteria sound system, printers, poster maker, parking stations, Furniture (Tables, Chairs for 3rd, 4th & 5th Grade) & Cafeteria Projector cage.
Bennett Elementary School	3	Items 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 & stools.
Blanche Ely High School	7	Items Delivered: Media Backdrop, Indoor tables, Bracket Kits with ActivBoards, projectors, tables, chairs, science equipment, digital classroom upgrades, Heart Models, podium, laptops & adaptors
Boulevard Heights Elementary School	1	Items Delivered: Two-way radios, poster maker, laptops carts, printers, outdoor rugs, laminator, laptops, Mimio boards, facilities equipment, electric strikes In Progress: Digital Marquee
Bright Horizons Center	7	Items Delivered: Recordex In Progress: Digital Marquee

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

110 SCHOOLS IN IMPLEMENTATION (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Broadview Elementary School	4	Items Delivered: Digital marquee, classroom rugs, playground upgrades & equipment In Progress: Additional rugs
Castle Hill Elementary School	5	Items Delivered: Mimio boards, murals, cafeteria sound system, projector, TVs, TV production studio, classroom furniture, digital marquee & projector screen
Central Park Elementary School	6	Items Delivered: Computer carts, printers, classroom furniture, science lab materials, bulletin boards, carpet replaced in FISH 301 & blinds In Progress: Coordinating additional proposals.
Challenger Elementary School	4	Items Delivered: iPads & Laptops In Progress: Playground shades & digital marquee
Chapel Trail Elementary School	2	Items Delivered: Student laptops, stage curtains, playground shades & bus loop shade In Progress: Shade structure
Charles W. Flanagan High School	2	In Progress: Floor scrubber, hedger, trimmer, blower, ID machines, Recordex, digital 4' x 8' marquee, golf carts
Coconut Creek High School	7	Items Delivered: Projectors, auditorium sound system, cafeteria tables, laptop carts, laptops, projector screen & auditorium projector
Colbert Museum Magnet	1	Items Delivered: Laptops, laptop carts, Recordex, camera, microphone & media center chairs In Progress: Digital Marquee & shade structure

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

110 SCHOOLS IN IMPLEMENTATION (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Collins Elementary School	1	Items Delivered: Document cameras, printers, outdoor bulletin boards, two-way radios, projector screen, murals, laptops & Recordex In Progress: Digital marquee
Cooper City Elementary School	6	Items Delivered: Golf Cart In Progress: Furniture for the reception area, principal's office furniture and chairs & wind screen
Coral Park Elementary School	4	Items Delivered: Classroom chairs, storefront and electric strike & wind screen for the playground In Progress: New K-2 & 3-5 playground structures
Coral Springs Middle School	4	Items Delivered: Recordex, student laptops, adaptors, carts, Aiphone at the main entrance & golf cart In Progress: Digital Marquee
Country Hills Elementary School	4	In Progress: Aiphone at the main entrance. Coordinating additional proposals.
Croissant Park Elementary School	3	Items Delivered: Facilities Equipment In Progress: Coordinating proposals.
Cypress Elementary School	3	Items Delivered: Picnic tables, furniture for student service area, teacher workroom renovation, Playground PIP In Progress: Digital Marquee

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

110 SCHOOLS IN IMPLEMENTATION (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Davie Elementary School	6	Items 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) In Progress: iPads
Deerfield Beach Elementary School	7	Items Delivered: Fence around the butterfly garden, tables, stools, bookcases, indoor furniture & outdoor classroom
Deerfield Beach High School	7	In Progress: Aiphone at the SPE
Deerfield Beach Middle School	7	In Progress: Broadcasting equipment, high student desks, armless chairs, tabletop, flip down table base, teachers' desk, collision tables for STEM LAB Room, furniture for room 212 Medical and Rooms 301E - 301F - 302 & Zenenergy stools
Deerfield Park Elementary School	7	In Progress: Digital marquee, TVs and production studio
Dillard 6-12 School	5	Items Delivered: Poster maker, 3D printer, student laptops, chairs, furniture, golf carts & digital marquee
Dillard Elementary School	5	Items 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

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

110 SCHOOLS IN IMPLEMENTATION (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Discovery Elementary School	5	Items Delivered: PE equipment, classroom carpets, books, stage curtains, furniture, portable sound systems, cabinets, podiums, outdoor benches, tables, tricaster, TVs, cafeteria sound system, projector & murals In Progress: Golf carts
Driftwood Middle School	1	Items Delivered: Golf carts, indoor furniture for the computer lab, tables, chairs, storage cabinets, bookcases, vacuum & athletic equipment
Everglades Elementary School	6	Items Delivered: Student laptops, scholastic resource room upgrade (media center), windscreen for the playground, Aiphone, proximity card reader and an Aiphone sub-master
Fairway Elementary School	2	Items Delivered: Color poster, 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
Floranada Elementary School	3	Items Delivered: Interactive projectors In Progress: Digital Marquee
Fox Trail Elementary School	6	Items Delivered: Laptops, desk and drawer file, front office desk, office chairs In Progress: Playground upgrades
Griffin Elementary School	6	Items Delivered: Projectors, student computers, document cameras, digital marquee & new structure for Pre K-2 playground

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

110 SCHOOLS IN IMPLEMENTATION (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Gulfstream Early Learning Center of Excellence	1	In Progress: Bathroom renovations, golf carts, outdoor benches and two-way radios
Harbordale Elementary School	3	In Progress: School developed another ballot, and the voting was authorized 8/28/2019.
Henry D. Perry Education Center	1	Items Delivered: Indoor furniture, cafeteria tables, students chairs & desks In Progress: Laptop carts
Heron Heights Elementary School	4	In Progress: Digital marquee. Coordinating additional proposals.
Hollywood Park Elementary School	1	Items Delivered: Cafeteria LCD projector, laptops, speakers and control center In Progress: Playground upgrades
J.P. Taravella High School	4	Items Delivered: Technology, floor machine, facilities equipment, student desks, outdoor benches, cafeteria tables and door strikes In Progress: Water bottle filling stations
James S. Hunt Elementary School	4	Items Delivered: Document cameras, two-way radios with earpieces & projectors In Progress: Power adaptors, student laptops, staff and admin laptops, laptop carts, laptop cart wiring & laptop carrying case
James S. Rickards Middle School	3	Items 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 SPE & digital marquee
Indian Trace Elementary School	6	Items Delivered: Re-keying of the campus, electric strike & playground upgrades

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

110 SCHOOLS IN IMPLEMENTATION (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Lake Forest Elementary School	1	Items 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 In Progress: Portable cooler, canopy and folding chair
Lanier-James Education Center	1	Items Delivered: School study carrels, laptops, weight room equipment, media center furniture & digital marquee
Lauderdale Lakes Middle School	5	Items Delivered: Shoot-a-way machine, Tour de France bikes, flight simulator, pilot simulator, dance floor & row machines In Progress: Digital marquee
Lauderdale Manors Early Learning and Resource Center	5	Items 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
Lauderhill 6-12 STEM-MED Magnet School	5	Items Delivered: Crowd control items & combination chairs/desks In Progress: Gym scoreboards, chairs & gym bleachers
Lyons Creek Middle School	7	Items Delivered: School name on building In Progress: Digital marquee, laptops, laptop cart wiring & Aiphone at the SPE

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

110 SCHOOLS IN IMPLEMENTATION (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Maplewood Elementary School	4	Items Delivered: Stage sound system, projector & playground shade structure & PIP In Progress: Remaining balance is on hold until the Media Center Renovation is complete.
Margate Elementary School	7	Items Delivered: Bookcases, student computers, Aiphone & strike
Margate Middle School	7	Items Delivered: Student headphones, student laptops, Earthwalk cart, student/teacher desks, gym scoreboards In Progress: Digital Marquee, printers, student & teacher chairs
McArthur High School	1	Items Delivered: Golf carts & floor replacement for the mini gym In Progress: Security enhancements, wraps and coverings for the administration building & SPE, office furniture
McNab Elementary School	3	In Progress: Playground upgrades
Miramar High School	2	Items Delivered: Golf cart, security cameras, scrubber machine, protective mats for gym floor, canopy fabric, auditorium painting and signage for gym & stadium In Progress: Additional parking spaces
Morrow Elementary School	4	Items Delivered: Projector, cafeteria sound system, laptops, broadcast room, apple bundle and cafeteria tables In Progress: Interior paint, murals in the dining area, and playground equipment.

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

110 SCHOOLS IN IMPLEMENTATION (Cont.)

SCHOOL NAME	DISTRICT	STATUS
New Renaissance Middle School	2	In Progress: Aiphone at the main entrance & strike at the secondary door, replacing locks in certain areas, wall wraps
North Andrews Gardens Elementary School	3	Items Delivered: Golf cart & Elmo document cameras In Progress: Aiphone in F101A, submaster in F102C, laptops, think stations, Earthwalk carts, ID Machine
North Fork Elementary School	5	Items Delivered: Aiphone and strike, printers, murals, office furniture, chairs, rugs for reading areas, teacher desktops, student laptops, security monitor for school camera In Progress: Digital Marquee, front desk lettering, Lenovo computers
North Lauderdale Pre K - 8	4	Items Delivered: Student laptops, partial work for murals, TV screens for the front office, digital marquee, Aiphone & EDS In Progress: Murals for the media center
Northeast High School	3	Items Delivered: Outdoor trash receptacles, science equipment, golf carts, scoring tables, volleyball and football scoreboard, digital marquee, gym scoreboards, electric strikes, standalone door alarms & window wraps
Oakland Park Elementary School	3	Items Delivered: Playground upgrades; replacing the sand with PIP, and murals In Progress: Carpet replacement for the Media Center
Olsen Middle School	1	Items Delivered: Laptops, computer carts, printers, student desks & chairs

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

110 SCHOOLS IN IMPLEMENTATION (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Oriole Elementary School	5	Items 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
Palm Cove Elementary School	2	In Progress: Aiphone (including strike) at the SPE, cafeteria sound system, projector & murals
Panther Run Elementary School	2	Items Delivered: Two-way radios & Aiphone In Progress: Digital marquee
Park Lakes Elementary School	5	Items Delivered: Digital marquee & new K-2 & 3-5 playground structures
Park Springs Elementary School	4	Items Delivered: Floor scrubber, murals, laptop computers
Pembroke Lakes Elementary School	2	Items Delivered: Classroom furniture, cafeteria sound system, digital marquee, replaced keys (6) Cylinders to teacher entrance key
Pembroke Pines Elementary School	1	Items Delivered: Water fountains In Progress: Primary playground equipment
Peters Elementary School	5	Items Delivered: Elmo document cameras, facilities equipment, classroom rugs, projectors, ActivPanels, air mover, janitorial carts, 5-Tool Kit, pressure washer, vacuum machine, outdoor benches, 6-Station listening centers, headphones, teacher chairs, student chairs In Progress: Staff desktop, staff touch laptop, student laptops, Earthwalk carts and wiring

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

110 SCHOOLS IN IMPLEMENTATION (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Pines Lakes Elementary School	2	Items Delivered: Office furniture, accordion wall, murals, monument marquee, SPE enhancements (Fencing and Gate)
Pinewood Elementary School	4	Items Delivered: Laptops, laptop carts, two-way radios, portable sound system, electric strike, digital marquee and desktops
Pioneer Middle School	6	Items Delivered: Office chairs, stage lectern, podium, instrument storage, office furniture, front office, dean's office, conference room and planning room furniture, digital marquee, teachers' desk and armless chairs
Plantation Elementary School	5	Items Delivered: Electric strikes, golf cart, cafeteria sound system, student benches in car rider area, cafeteria stage curtains, welcome center/front office furniture, stackable chairs & digital marquee
Plantation High School	5	Items Delivered: Golf cart, indoor furniture for front office, speaker system for the gym & gym scoreboards In Progress: Digital marquee
Plantation Middle School	5	Items Delivered: Exterior paint and exterior paint for (3) logos In Progress: Digital marquee, students chairs and restructuring of front office and furniture
Plantation Park Elementary School	6	Items Delivered: Lockdown shades, window wraps, Aiphone at the SPE and strike on secondary door In Progress: Morning show equipment & digital marquee
Pompano Beach High School	7	In Progress: Football scoreboard

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

110 SCHOOLS IN IMPLEMENTATION (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Quiet Waters Elementary School	7	Items Delivered: Picnic tables, electric strike, laptops, document cameras, projectors, Lenovo adapters In Progress: Digital marquee
Ramblewood Elementary School	4	Items Delivered: Digital Marquee In Progress: Playground upgrades & technology items
Riverland Elementary School	3	In Progress: Media center furniture, teacher chairs, Aiphone at main entrance and submaster
Riverside Elementary School	4	Items Delivered: Multi drying steel rack In Progress: Outdoor PA speaker system upgrade, Art & PE Enhancements (racks, furniture, book drop carts, etc.), and (30) Ukulele Storage racks
Royal Palm STEM Museum Magnet	5	Items Delivered: Furniture (chairs & tables) In Progress: Digital marquee
Sandpiper Elementary School	6	Items Delivered: Cafeteria blinds, media center broadcast system, marquee sign, playground upgrades & outdoor bench
Sawgrass Elementary School	6	Items 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
Seagull Alternative High School	3	Items Delivered: Printers, laptops, two-way radios, chairs & playground upgrades
Sheridan Park Elementary School	1	Items Delivered: ID machine, ActivePanels (Promethean), poster maker, and desktop In Progress: Impact glass in fish#101 & 101K, office furniture, carpet extractor, Aiphone & strike

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

110 SCHOOLS IN IMPLEMENTATION (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Sheridan Technical College	1	In Progress: Furniture for the registration office
Silver Lakes Elementary School	2	In Progress: New Pre k-2 playground with shade and PIP
Silver Palms Elementary School	2	In Progress: Voting completed 5/20/2019
Stephen Foster Elementary School	3	Items Delivered: Promethean boards, tables, and walk lines painting In Progress: Window wraps, cafeteria tables, stool tables
Stranahan High School	3	Items 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
Sunrise Middle School	3	Items Delivered: Projectors, two-way radios, cafeteria sound system, outdoor benches, digital marquee In Progress: Fabric awning at the cafeteria entrance
Sunshine Elementary School	2	Items 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 In Progress: Recordex and fans
The Quest Center	1	Items Delivered: Sensory room equipment, entertainment room renovation & TVs

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

110 SCHOOLS IN IMPLEMENTATION (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Thurgood Marshall Elementary School	5	Items Delivered: Aiphone, Recordex, ID machine, tables, chairs, headphones, Lenovo batteries & laminator In Progress: Earthwalk carts, laptops and carpet extractor
Tradewinds Elementary School	7	Items Delivered: Aiphone at the SPE and a strike In Progress: Additional proposals are being coordinated.
Village Elementary School	5	Items 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 In Progress: Laptop and lenovo desktops
Virginia Shuman Young Montessori	3	Items 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, cafeteria tables
Watkins Elementary School	1	In Progress: Laptops
Welleby Elementary School	5	In Progress: Lenovo laptops & Earthwalk carts
Westchester Elementary School	4	Items Delivered: Digital marquee and access control card reader system

SUMMARY OF SCEP PROJECTS: IMPLEMENTATION

110 SCHOOLS IN IMPLEMENTATION (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Western High School	6	Items Delivered: Golf carts, laptop computer carts, two-way radios In Progress: Water Bottle Filling Stations
Westpine Middle School	5	Items Delivered: Projectors, media center furniture, STEM lab furniture (tables, high stools and chairs), projector screen, cafeteria sound system, cafeteria projector screen & TV In Progress: Tables, armless chairs, teacher desk & teacher chairs
William Dandy Middle School	5	Items Delivered: Cafeteria sound system, projector, murals, exterior painting, cafeteria tables, media center furniture and painting of the walkways In Progress: Aiphone
Wingate Oaks Center	5	Items Delivered: Mats, facilities equipment, laptops, TVs, iPads, Promethean boards, two-way radios, Sony HDTVs, Promethean ActivPanels

SUMMARY OF SCEP PROJECTS: PLANNING/DESIGN

The following list of School Choice Enhancement projects are sorted by phase, and alphabetically by school name:

37 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 development in progress.
Coral Glades High School	4	In Progress: Voting authorized 9/19/2019.
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: Kick-off meeting is being scheduled.
Cross Creek School	7	In Progress: Kick-off meeting is being scheduled.
Crystal Lake Middle School	7	In Progress: Ballot approved for voting; voting authorized 5/3/2019.
Dania Elementary School	1	In Progress: Kick-off meeting is being scheduled.
Driftwood Elementary	1	In Progress: Ballot development in progress.
Endeavour Primary Learning Center	5	In Progress: Ballot development in progress.
Hallandale Magnet High School	1	In Progress: Ballot developed 7/23/2019; it complies with District guidelines. Ballot approved 7/23/2019. Once the ballot is approved by SAC, voting may begin.
Hollywood Central Elementary School	1	In Progress: Ballot development in progress.
Hollywood Hills Elementary School	1	In Progress: Ballot development in progress.

SUMMARY OF SCEP PROJECTS: PLANNING/DESIGN

37 SCHOOLS IN PLANNING/DESIGN (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Lakeside Elementary School	2	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: Kick-off meeting is being scheduled.
Mary M. Bethune Elementary School	1	In Progress: Kick-off meeting is being scheduled.
Meadowbrook Elementary School	3	In Progress: Kick-off meeting is being scheduled
Monarch High School	7	In Progress: Ballot development in progress
Nob Hill Elementary School	6	In Progress: Ballot developed 05/2019; does not comply with District guidelines, needs revision.
Nova Blanche Forman Elementary School	6	In Progress: Voting authorized 9/17/2019
Nova Dwight D. Eisenhower Elementary School	6	In Progress: Ballot development in progress
Palmview Elementary School	7	In Progress: Kick-off meeting is being scheduled
Park Ridge Elementary School	7	In Progress: Kick-off meeting is being scheduled
Park Trails Elementary School	4	In Progress: Kick-off meeting is being scheduled
Parkside Elementary School	4	In Progress: Ballot development in progress
Parkway Middle School	5	In Progress: Proposals are being compiled to evaluate scope and budget.
Pines Middle School	2	In Progress: Ballot development in progress

SUMMARY OF SCEP PROJECTS: PLANNING/DESIGN

37 SCHOOLS IN PLANNING/DESIGN (Cont.)

SCHOOL NAME	DISTRICT	STATUS
Riverglades Elementary School	4	In Progress: Proposals are being coordinated for scope and ballot development.
Sanders Park Elementary School	7	In Progress: Meeting held with staff, ballot development in progress.
Silver Lakes Middle School	4	In Progress: Kick-off meeting held 2/12/2019. Ballot development in progress.
South Plantation High School	6	In Progress: Voting authorized 9/19/2019.
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
Wilton Manors Elementary School	3	In Progress: Voting authorized 9/17/2019

LIST OF SCEP SCHOOLS WITH PENDING BALANCE

Included below is a list of schools where **all selected items on have been purchased and delivered/installed**. Schedule flags were removed from these School Choice Enhancement projects in the spotlights because all items have been delivered but the school is now deciding how to use remaining funds.

The project is listed as complete only when all funds have been utilized or the school determines that they would like to close-out the project.

26 Schools with Pending Balance

School Name	District	Percent Complete	Status	Funds Remaining
Bayview Elementary	3	97%	Implementation Phase Items Delivered: Cafeteria sound, Printers, Poster Maker, Parking stations, Furniture (Tables, Chairs for 3rd, 4th & 5th Grade) and cafeteria projector cage	\$3,542.21
Blanche Ely High School	7	99%	Implementation Phase Items Delivered: Media Backdrop, Indoor tables, bracket kits with ActivBoards, projectors, tables, chairs, science equipment, digital classroom upgrades, heart models, podium, laptops & adaptors	\$195.17
Castle Hill Elementary	5	99%	Implementation Phase Items Delivered: Mimio boards, murals, cafeteria sound system, projector, TVs, TV Production studio, Classroom furniture, digital marquee & Projector Screen	\$723.75
Central Park Elementary School	6	79%	Implementation Phase Items Delivered: Computer carts, printers, classroom furniture, science lab materials, bulletin boards, blinds and carpet replaced in FISH 301.	\$20,242.2
Coconut Creek High School	7	99%	Implementation Phase Items Delivered: Projectors, auditorium sound system, cafeteria tables, laptops carts, laptops, projector screen, auditorium Projector	\$105.27

LIST OF SCEP SCHOOLS WITH PENDING BALANCE

26 Schools with Pending Balance (Cont.)				
School Name	District	Percent Complete	Status	Funds Remaining
Davie Elementary School	6	98%	Implementation Phase Items 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)	\$92.68
Deerfield Beach Elementary School	7	87%	Implementation Phase Items Delivered: Fence around the butterfly garden, Tables, Stools, bookcases, indoor furniture and an outdoor classroom	\$13,064.09
Dillard 6-12 School	5	99%	Implementation Phase Items Delivered: Poster Maker, 3D Printer, student laptops, chairs, furniture, golf carts and digital marquee	\$206.94
Dillard Elementary School	5	90%	Implementation Phase Items Delivered: Outdoor mats, classroom rugs, flat screen TVs, Window Wraps, custodial equipment, two-way radios, golf cart accessories, stage curtains & Media Center Furniture	\$9,342.05
Fairway Elementary School	2	99%	Implementation Phase Items Delivered: Color poster, two-way radios, projectors, document cameras, morning show equipment, sound stage projector, cafeteria sound system, Microphones for the sound system, laptops, digital marquee, adaptors and TV installation	\$461.97
Griffin Elementary School	6	97%	Implementation Phase Items Delivered: Projectors, student computers, document cameras, digital marquee, new structure for Pre K-2 playground	\$2,498.4

LIST OF SCEP SCHOOLS WITH PENDING BALANCE

26 Schools with Pending Balance (Cont.)				
School Name	District	Percent Complete	Status	Funds Remaining
James S. Rickards Middle School	3	97%	Implementation Phase Items 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 Single Point of Entry and Digital Marquee	\$2,492.8
Lauderdale Manors Early Learning and Resource Center	5	99%	Implementation Phase Items Delivered: Chairs, tables, two golf carts, cafeteria furniture, laptops, Facilities equipment, marquee sign letters and bulletin boards, outdoor benches, microwave, lectern with mics, fridge, furniture, two-way radios, printer, toner, microwave, fan, refrigerator, door wraps, power chargers, first aid kits, playground upgrades	\$196.43
Maplewood Elementary School	4	99%	Implementation Phase Items Delivered: Stage sound system, projector, shade structure and PIP. In Progress: Remaining balance is on hold until the Media Center Renovation is complete.	\$499.55
Northeast High School	3	94%	Implementation Phase Items Delivered: Outdoor trash receptacles, science equipment, golf carts, scoring tables, volleyball and football scoreboard, digital marquee, two (2) Gym scoreboards, football scoreboard, two (2) electric strikes, standalone door alarms, window wraps, In Progress: The Principal requested to hold on to the remaining balance until his GOB projects are complete.	\$6,161.6
Olsen Middle School	1	99%	Implementation Phase Items Delivered: Laptops, computer carts, printers, student desks, chairs	\$139.96

LIST OF SCEP SCHOOLS WITH PENDING BALANCE

26 Schools with Pending Balance (Cont.)				
School Name	District	Percent Complete	Status	Funds Remaining
Oriole Elementary School	5	95%	Implementation Phase Items Delivered: Classroom rugs, student tables, chairs, two-way radios, projectors, outdoor mats, teacher chairs, cafeteria sound system, cone safety, vests, storage carts, reflective parking lot post, signs & murals	\$4,956.66
Park Lakes Elementary School	5	94%	Implementation Phase Items Delivered: New K-2 & 3-5 playground structures & Digital marquee.	\$6,046.95
Pinewood Elementary School	4	99%	Implementation Phase Items Delivered: Laptops, laptop carts, two-way radios, portable sound system, electric strike, digital marquee and desktops	\$6.29
Pioneer Middle School	6	99%	Implementation Phase Items Delivered: Office chairs, stage lectern, podium, instrument storage, conference room and planning updates, office furniture, Dean's office furniture, digital marquee, teacher desks and armless chairs	\$62.57
Plantation Elementary School	5	99%	Implementation Phase Items Delivered: Two(2) electric strikes, golf cart, cafeteria sound system, student benches in car rider area, cafeteria stage curtains, front office furniture, stackable chairs and digital marquee	\$462.62
Sandpiper Elementary School	6	99%	Implementation Phase Items Delivered: Cafeteria blinds, media center broadcast system, marquee sign, playground upgrades and outdoor bench.	\$60.64

LIST OF SCEP SCHOOLS WITH PENDING BALANCE

26 Schools with Pending Balance (Cont.)				
School Name	District	Percent Complete	Status	Funds Remaining
Sawgrass Elementary School	6	99%	Implementation Phase Items 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	\$489.65
Seagull Alternative High School	3	96%	Implementation Phase Items Delivered: Printers, laptops, two-way radios, chairs, playground upgrades	\$3,856.5
Stranahan High School	3	84%	Implementation Phase Items Delivered: 50" TVs, outdoor picnic benches with umbrellas, projectors, document cameras, picnic tables, printers, scientific calculators, student laptops, column wraps, digital marquee sign, PA system, office furniture	\$13,219.84
The Quest Center	1	84%	Implementation Phase Items Delivered: Sensory room equipment, entertainment room renovation and TVs	\$15,650.92

SUMMARY OF FY20 Q1 SCEP FLAGS

The SCEP project flags for this quarter are listed in alphabetical order:

Schools	Project	Flagged FY' 20 Q1	Comments
Atlantic West Elementary School	SCEP	S	Pending construction of the PE court shade structure.
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	Pending construction of the marquee sign.
Bright Horizons Center	SCEP	S	Pending Marquee replacement and playground scope of work to be completed.
Chapel Trail Elementary School	SCEP	S	Delays in design and permitting of the Playground. Permit has been received.
Colbert Museum Magnet	SCEP	S	Playground shade structure is in construction. Marquee is in fabrication.
Collins Elementary School	SCEP	S	Digital marquee is in construction.
Coral Springs Middle School	SCEP	S	Delays in permitting of the marquee sign.
Cypress Elementary School	SCEP	S	Delays in design and permitting of the Marquee Sign. New Marquee vendor hired to replace previous vendor. Previous vendor replaced due to performance.
Floranada Elementary School	SCEP	S	Marquee is in design and is pending permitting documents.
Fox Trail Elementary School	SCEP	S	Playground upgrades are in fabrication.
Hollywood Park Elementary School	SCEP	S	Pending installation of the Playground upgrades.
Lanier-James Education Center	SCEP	S	Pending the final electrical tie-in work on the marquee for completion.
Lauderdale Lakes Middle School	SCEP	S	Delays in the design and permitting of the marquee sign.
Margate Middle School	SCEP	S	Pending fabrication and installation of marquee.
North Fork Elementary School	SCEP	S	Pending permit and installation of the Marquee sign.
North Lauderdale Pre K - 8	SCEP	S	Art work is being finalized.
Pembroke Lakes Elementary School	SCEP	S	Delays in design and permitting of marquee sign.
Pembroke Pines Elementary School	SCEP	S	Delays in delivery of playground equipment.
Plantation Middle School	SCEP	S	Pending installation of the marquee and delivery of the student chairs and front office furniture.
Quiet Waters Elementary School	SCEP	S	Pending installation of digital marquee.
Royal Palm STEM Museum Magnet	SCEP	S	Pending fabrication and installation of the digital marquee.
William E. Dandy Middle School	SCEP	S	Pending completion of the Aiphone installation.

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 September 30, 2019, nearly 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 teach 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.

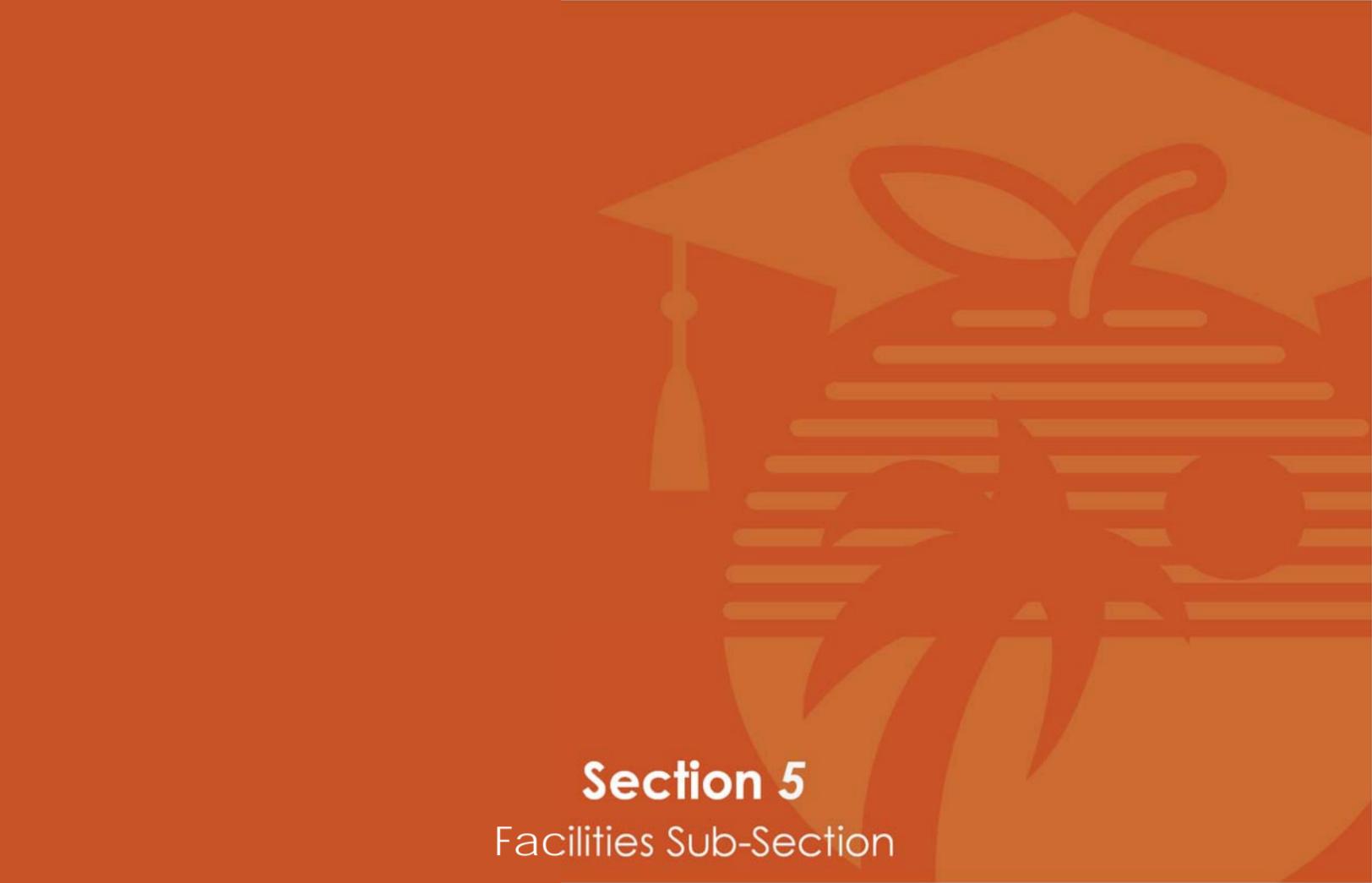
2 Implement Improvements

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 once all materials are delivered and installed.





Section 5
Facilities Sub-Section

PROGRAM
COST & CONTROLS

ATKINS

RISK ASSESSMENT

ATKINS

Issued 9/30/2019

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 current risk assessment values changed minimally from the May 2019 results (same 70% risk of \$436 million, with slight narrowing of the mid-point and high-end results), as shown in Figure 1. Variables to the risk continue to be tracked, including that construction volume and employment indicators show a plateau in 2019, which may lead to construction price stabilization, although it is too early to forecast. We are also monitoring the “Risk Mitigation Strategies” to determine impact on the projections.

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

Figure 1 – Risk Analysis Results Comparison

The Risk Assessment results provide a “Range of Potential Risk Outcomes” that are shown in Figure 2, demonstrating that as additional actual cost information is realized, the range has narrowed towards the higher end of the results. This narrowing is based on near 31% of the program being under contract for construction.

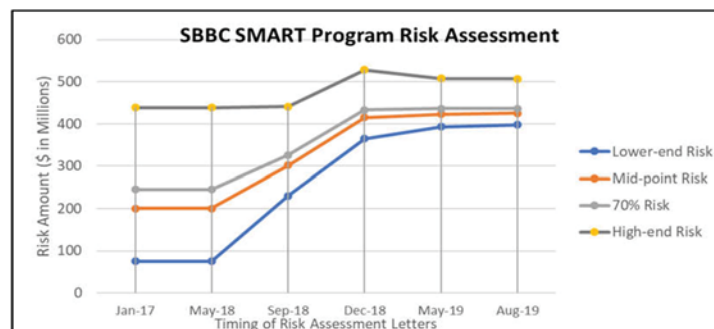


Figure 2 – Range of Potential Risk Outcomes Over Time

RISK ASSESSMENT

ATKINS

Issued 9/30/2019

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 near 62% above the initially established budgets (see Attachment 1) noting that this calculation includes the cost increases for three large classroom addition projects and two of the “Big 3” major high school renovation projects. This trend also supports towards the higher end of this risk assessment.

Risk Mitigation Strategies

The risk strategies that have been put in place to address the high-end potential risk increases are detailed in Attachment 2, which is an August 13, 2019 response to Board’s inquiry on these strategies. Some of the key strategies from this response are:

- **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;
- **Strategies to reduce design review times:** strategies to reduce the time frame of having projects in design be ready for construction starts;
- **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.

RISK ASSESSMENT

ATKINS

Issued 9/30/2019

Market Conditions driving Construction Inflation

Atkins has reviewed the South Florida construction market and has concluded that a **5% year over year inflation factor** should be included in the plan for the SMART Program for the years from 2014 to 2019. 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 2019 to October 2020 (the current midpoint of planned expenditure), a 4% most likely inflation has been utilized. Reasons for this increase in inflation include these factors:

1. **Volume of Construction in the U.S.**: Volume of construction has increased more than 60% since 2011. Figure 3 demonstrates this volume, showing the current yearly volume at just below \$1.3 trillion (\$1,287 billion projected for 2019).

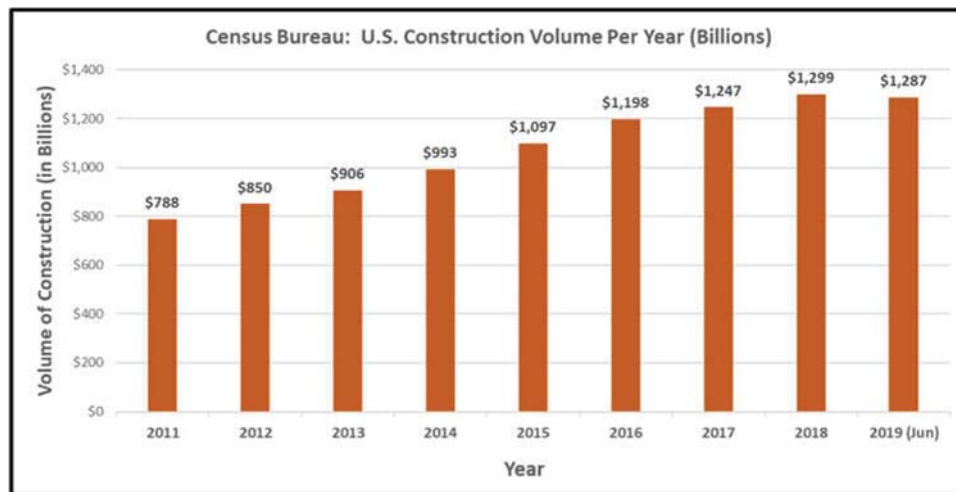


Figure 3: U.S. Construction Volume: *base source: census.gov*

Figure 3 shows the increased volume of construction in the U.S. since the recession low in 2011. Since the 2014 SMART Program inception this calculates to over an 8% increase per year through 2018, however, 2019 appears to be stabilizing. **History has shown that construction cost trends closely follow this volume of construction, indicating that construction pricing may be stabilizing soon.**

RISK ASSESSMENT

Issued 9/30/2019

ATKINS

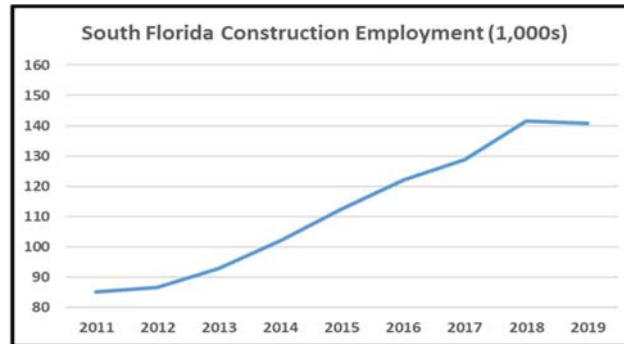


Figure 4: S. Florida Construction Employment: *base source: bls.gov*

3. **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.). The indicators of national volume of construction and the South Florida Construction Employment both indicate stabilizing in 2019. This could be indicative of a slowdown to the construction cost inflation.
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 4, depleting the supply of skilled workers available. Information in 2019 demonstrates a plateau in the South Florida labor market, indicating a depleted pool of resources or a potential peak in the volume of construction.
4. **Volatility of the cost of construction materials**: the cost of construction materials continues to have volatility in the market, and present cost risks as contractors will include perceived short-term risk in their prices / bids. These increases are a combination of the high demand for materials to meet the construction volume and the impact of tariff disputes that create additional volatility.

RISK ASSESSMENT



Issued 9/30/2019

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 5 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.

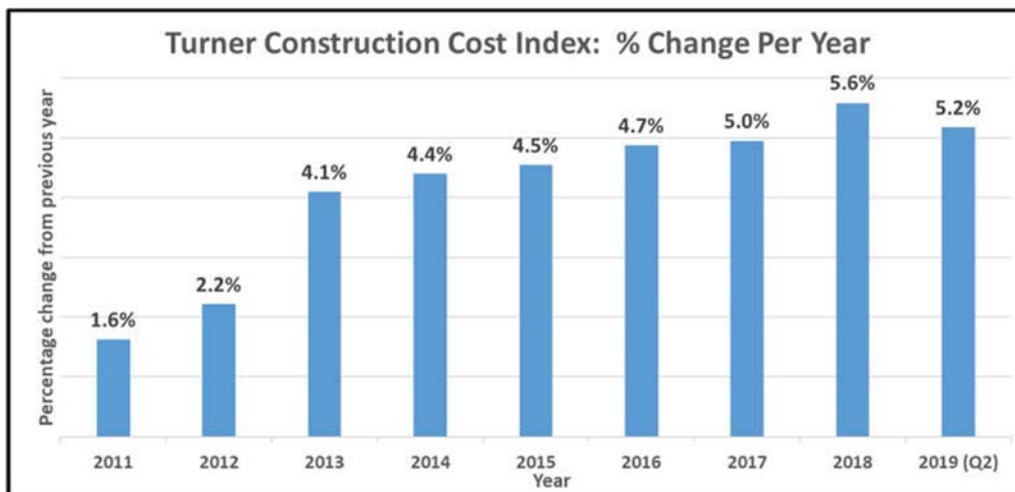


Figure 5: Turner Construction Cost Index: *base source: turnerconstruction.com*

RISK ASSESSMENT



Issued 9/30/2019

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 70% level of the risk assessment is currently in the range of \$436, 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 that increases in construction costs have been at the high end of our risk assessment, **it is recommended that the District continue to place new revenues into the unassigned reserve funds to support the SMART program to the current 70% range of program risk of approximately \$436 million, as market conditions and risks continue to be assessed.**

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 B: Program Risk Mitigation Plan



Section 5 - Facilities

Sub-Section



SCHOOL SPOTLIGHTS

UNDERSTANDING THE SIX-PHASE PROCESS

To ensure projects are completed with the utmost efficiency and integrity, each project typically goes through a six-phase process.

Included below is a breakdown of the Primary Renovation process chart with a detailed explanation of each phase.



PHASE 1



PROJECT PLANNING

The Planning phase (Phase 1) is the initiation phase of a project. During this phase, the scope of work is assembled, and a delivery method is chosen based on the complexity and size of the scope. The selected delivery method can be a traditional Design/Bid/Build method, a Construction Management at Risk method, or the use of task order contracts that are currently in place between the District, Professional Service Firms, and Contractors.

PHASE 2



HIRE DESIGNER

The Hire Designer phase (Phase 2) represents the various steps involved in hiring a professional Design team. It begins with the advertising for Requests for Qualification (RFQ) from design firms, then going through the selection process with the Qualification Evaluation Selection Committee (QSEC) and ends with the issuance of an Authorization to Proceed (ATP) with design work.

UNDERSTANDING THE SIX-PHASE PROCESS

PHASE

3



DESIGN
PROJECT

DESIGN

The Design phase (Phase 3) starts after the ATP has been issued. The selected design firm begins by holding a kickoff meeting with the Owner Representative and school administration in order to perform a more detailed scope validation, then moves into the development of drawings and plans needed to hire a contractor and implement the work.

THE DESIGN PROCESS EXPLAINED

0-20%

Defining and validating general scope of the project

20-50%

Beginning to develop construction documents

50-70%

Incorporating details and specifications into construction documents

70-90%

Construction documents are nearing completion for permitting

90-95%

Construction documents undergo internal review process

95-100%

Drawings are reviewed by the Building Department for permitting. Once a Letter of Recommendation (LOR) is received, the phase is complete.

UNDERSTANDING THE SIX-PHASE PROCESS

PHASE

4



HIRE
CONTRACTOR

HIRE CONTRACTOR

The Hire Contractor phase (Phase 4) begins by hiring a contractor or vendor and ends with the issuing of a Notice To Proceed (NTP). This process can be completed in various forms and delivery methods, including Invitations To Bid (ITB), Construction Management at Risk (CMAR), or leveraging approved continuing services contracts.

THE HIRE CONTRACTOR PROCESS EXPLAINED

0-30%

Advertisement of the Invitation to Bid / CM assembling design documents

30-50%

Bids received and reviewed / CM collecting sub-contractor bids

50-80%

Bid negotiations held / CM submits GMP proposal

80-100%

Award and execution of the contracts / execution of contract amendment

PHASE

5



ACTIVE
CONSTRUCTION

CONSTRUCTION

The Construction phase (Phase 5) begins after the NTP that authorizes the contractor/vendor to start working has been issued. The process includes all aspects required to execute approved scope of work through substantial completion.

UNDERSTANDING THE SIX-PHASE PROCESS

PHASE

6



**CONSTRUCTION
CLOSEOUT**

CONSTRUCTION CLOSEOUT

The Construction Closeout phase (Phase 6) takes places between substantial and final completion, which includes verification that the scope is completed according to approved specifications, final submittals of documents, and in closing out the vendor contract.

There are multiple steps within the Construction Closeout phase. Included below is a breakdown of these steps.

THE CONSTRUCTION CLOSEOUT PROCESS EXPLAINED

0-50%

Substantial Completion

Obtained with the certificate of occupancy, following close-out of construction

50-90%

Final Completion

Accomplished when all punch-list items have been reviewed by the designer and approved by the inspector

90-100%

Board Approval

The SBBC approves Final Change Order, Final Acceptance & Final Release of Retainage. This step represents the official completion of the project.

CONSTRUCTION PHASE PERCENTAGES EXPLAINED

In the previous BOC reports the Construction phase percentage reflected in the Spotlights was based on expenditures or dollars paid to vendors. Because of the timing variance between accounting and actual work, there is a discrepancy between the reported percentage and the actual work completed. Moving forward, the percentages will be based on the amount of work that has been completed.

The team is working on a process to more accurately report the percentage of work complete at each school.

Included below is an example of a school in construction with percentages report this quarter with an approximate comparison to the percentage of work completed:

MIRAMAR ELEMENTARY SCHOOL



As of September 30, 2019:

- **74%** in Construction Phase in the Spotlight represents expenditures
- **95%** Completion with construction
- **21%** Differential

WHAT'S NEW IN THE SCHOOL SPOTLIGHT

Additional changes have been made to address schedule and phase label concerns. The completion phase (Phase 6) which was previously titled "Closeout/Complete" was relabeled to "Construction Closeout to more accurately describe the three-step process following completion of the construction phase.

Planned completion dates for School Choice Enhancement Program (SCEP) were also removed for most projects that are in the Planning/Design and Implementation phases due to inaccurate dates previously provided. Planned dates shown as TBD will now be provided after the voting process has been completed by the school and all items have been ordered and funds allocated.



SCHOOL SPOTLIGHT
 QUARTER ENDING SEPTEMBER 30, 2019



Long Middle School
 123 HOLMBERG ROAD, PARKLAND 33076

Location Num	3871
Board District	4
Board Member	Lori Alhadeff
ADEFP Budget*	\$4,711,200
Total Facilities Budget	\$2,937,000

*NO IE This quarter reflects the Adopted District Educational Facilities Plan total budget as approved by S&S C in September 2018. This budget includes Technology improvements and Musical Instruments Replacements which are not included in this section of the report.
 - All dates are based on calendar year. SMART funded projects are included. Only
 - Projects without expenditures to date may not show up in the "Financially Active Project Detail Schedule".

PRIMARY PROJECTS CURRENT STATUS: Design
 Primary Renovation: 100% Construction Documents in the permitting process. Design firm currently addressing Building Department comments prior to submitting the second time for permit application.
 School Choice Enhancements: COMPLETED 09/2019 - Principal's letter initiated 11/30/2018 for Year 5 group. Kick-off meeting held during SAC meeting 11/9/2018. Voting completed 3/19/2019. [7] Classroom Projects delivered 06/2019. Student Laptops, Carts, Administrative Laptops, Teacher Laptops - [3] Lenovo Yoga L380 - [9] Lenovo L480 - [326] Student Laptops Lenovo 300E - [6] Carts - Cart writing for [6] new carts and [1] existing delivered 09/2019.

SMART Facilities Update By Project

1	2	3	4	5	6
PLANNING	HIRE DESIGN TEAM	DESIGN	HIRE CONTRACTOR	CONSTRUCTION	CONSTRUCTION CLOSEOUT
Develop & Validate Project Scope	Advertise and Hire Design Team	Prepare Plan Drawings to release to contractor/vendor	Id and Hire Contractor to Implement Renovations	Contractor Implements Renovations	Final Inspection for Quality Assurance

Primary Renovation

Phase: 95% Complete

SCHEDULE:	1: Planning	2: Hire A/E	3: Design	4: Hire Contractor	5: Construction	6: Closeout
(calendar year)						
Planned	Q1 2018	Q2 2018	Q4 2018	Q3 2019	Q1 2020	Q3 2020
New Planned	Q1 2018	Q2 2018	Q4 2018	Q1 2020	Q3 2020	Q1 2022
Actual/Forecast	11/13/2017	12/19/2017	7/10/2018			

SCOPE:
 Bldg Envelope Impr. (Roof, Window, Ext Wall, etc.)

BUDGET:
 \$2,837,000

FLAG:
 COMMENTS:

School Choice Enhancements*

Phase: 100% Complete

SCHEDULE:	PH1 Planning/Design	PH2 Implement	PH3 Complete
Planned	Q4 2018	Q1 2019	Q4 2019
Actual	11/2018	03/2019	09/2019

SCOPE:
 School Choice Enhancement

BUDGET:
 \$100,000

FLAG:
 COMMENTS:

* SCEP projects follows a three-phase design process that begins with planning/design, followed by implementation and finally completion when all items have been delivered and installed.



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



Construction Closeout

Phase 6 was renamed as Construction Closeout to more accurately describe the three-step process following completion of the construction phase.

SCEP Planned Dates

Planned completion dates were removed for most SCEP projects until school has determined how to spend all funds and all items have been delivered.