



COVE Meeting

CITIZENS' CONSTRUCTION OVERSIGHT AND VALUE ENGINEERING

May 16, 2019

REVISED - COVE Meeting Agenda

Thursday, May 16, 2019 @ 8:00 a.m.
Facilities Services - Building 200
6501 Magic Way, Orlando, Florida 32809

- I. **Call to Order and Approval of March & April COVE Meeting Minutes** - Ksenia Merck, Chairman ----- Pg. 1-7
- II. **Departmental Reports**
 - Finance Report - Dale Kelly/Judith Padres ----- Pg. 8-16
Facilities Condition Assessment Update - Basem Ghneim
 - Project Status Report - Jeff Hart/ Mari Espinal ----- Pg.17-23
 - Capital Renewal Update - Rory Salimbene ----- Pg. 24-33
- III. **Presentations/Reports**
- IV. **Discussion and Adjournment**
 - The next COVE Meeting will held on Thursday, June 20, 2019.

COVE MEETING MINUTES



The Construction Oversight and Value Engineering Committee (COVE) monthly meeting convened on Thursday, March 21, 2019 at 8:06 a.m., at Facilities Services, 6501 Magic Way, Bldg. 200, Orlando, Florida 32809.

COVE Members in Attendance: Ksenia Merck, Pat Knipe, James Knapp, Stuart Kramer and Douglas Kelly.

OCPS Staff in Attendance: John Morris, Judith Padres, Dale Kelly, Jeff Hart, Mari Espinal, Mike Winter, Alva Johnson, Rocco Williams, Ed Ames, Toni Greene, Basem Ghneim, Bill Terry, Catherine Sullivan, Joycelyn Henson, Aaron Smith, Lauren Roth, Rory Salimbene, Mark O'Connor and Mariangeles Garcia (as scribe).

Call to Order:

A quorum was established and Chairman Ksenia Merck called the meeting to order at 8:03 a.m.

Approval of Minutes

The minutes from February 21, 2019 were presented and approved by the committee with the following comments:

Douglas Kelly noted the following revisions on page two (2) of the minutes: (i) remove the first "are" from the third bullet; (ii) add "a" before Pine Hills Transportation change order on the first bullet; (iii) Ernesto's last name is missing under "Questions/Comments" from the second bullet; and (iv) add "the" before "design builder" in the same bullet.

Jeff Hart indicated that the following changes need to be made to his sub-heading of the "Project Status" section of the minutes: (i) add "partial phase" before substantial completion on the last bullet; and (ii) in the first bullet on page three (3), add the District is currently using thermoplastic single-ply membrane roof, which has a lifespan of 20-30 years, and shingle roofing only where there is an existing shingle roof, which has a lifespan of 15-20 years.

Departmental Reports

➤ **Project Status**

Mari Espinal reported that there have been no changes to the Planning and Design phase. The adopted budget and estimated construction costs remain the same. Southwest Middle School has moved to the Construction phase. The estimated cost of completion for all projects in the Closeout phase have increased by \$18,000.00.

Douglas Kelly requested an explanation on the radio enhancement projects added to most schools. Jeff Hart explained that at the conclusion of a project we had

evaluate and verify the coverage of the radio system to ensure there is continuous coverage for our first responders.

Ksenia Merck requested a status discussion regarding the Closeout delays.

Jeff Hart presented various aerials of projects under construction and identified the different components, including the cafeteria and media centers, bus loops, parent drop off areas and play fields/athletic facilities.

Douglas Kelly asked why the retention ponds were divided in Castlevue Elementary. Jeff Hart explained that on that particular site, the ponds were likely divided because of the area being available within the bus loop for retention, where some cases it is not. Depending of the needs for retention, sometimes a dry retention pond is feasible, which in some cases, allows the space to be utilized by the school for supplemental parking.

Douglas Kelly asked why OCPS would demolish an existing building instead of re-purposing it. Jeff Hart explained that due to the building age and condition, as well as, the cost of re-purposing or conducting a comprehensive renovation of an existing building may be higher than replacing it.

Ksenia Merck asked if a closeout manager was hired as suggested during a previous COVE meeting. Jeff Hart indicated that a closeout manager has been hired by the PM Team under Krista McArthur's leadership to help support the process of closeout.

Action Item: Geotechnical presentation planned for next month.

➤ **M/WBE Update**

Joycelyn Henson Provided an update of the minority participation of MWBEs, LDBs and VBEs for the Construction and Professional Services.

Pat Knipe inquired about the attendance of the meetings her team organizes. Joycelyn Henson indicated that the turnout is about 20-50 people for small events and about 75-100 for larger events with the collaboration of others such as Seminole County College and UCF.

Douglas Kelly asked how many of these attendees actually become bidders. Joycelyn Henson stated that roughly one out of ten people will submit an application and one out of twenty people will have an opportunity.

Douglas Kelly questioned the declining rate from introduction to submission. Joycelyn Henson thought it was due to lack of capacity. Sometimes when a company is brought in, either the opportunity passes or they are overwhelmed with the paperwork.

Ksenia Merck asked for clarification on the certifications of MWBEs as she thought they were reciprocal to sister agencies. Joycelyn Henson indicated they accept

other agencies certifications (State, Orange County & City of Orlando) but do not certify MWBE's.

Ksenia Merck suggested for small projects: track past projects and established a rationale for any new adjusted percent requirements.

➤ **Change Order Reports**

Ed Ames indicated there are no significant change orders or amendments to report for the month of January.

➤ **Capital Renewal Update**

Rory Salimbene pointed out there are currently a total of 46 projects occurring at 39 sites with an approximate total cost of \$202 million. This is five more projects since last report. We added six new projects and closed one project.

James Knapp asked if the department can produce a report showing the cash flow for the capital renewal projects. Rory Salimbene referred the request to Judith Padres who indicated that a report can be incorporated on a monthly basis.

Presentations

Communications Update

Lauren Roth provided information about a program designed to improve the curb appeal of schools and facilities selected by School Board members. The presentation included pictures of various sites that hosted the program over the past year as well as those scheduled in the future.

Pat Knipe asked about the funding source for these projects. Lauren Roth explained that funding for curb appeal was provided in July by the Board for this school year and was also provided the prior year.

Pat Knipe asked what is the typical cost for the projects? Lauren Roth said that usually a few thousand dollars are spent depending on the project with some schools as low as one thousand. Mr. Morris added the total project budget is approximately \$155,000 districtwide out of the general fund. Lauren continued to explain that the largest amount spent for these projects is for irrigation to repair broken pipes or extend existing irrigation.

Prototypes and Design Guidelines

Catherine Sullivan Presented an overview of recent changes to prototypes, benefits of prototypes, making modifications to prototypes, the CP205 process and updates and the design guidelines.

Pat Knipe asked who is on the committee reviewing CP205 requests and how many members does it have. Catherine Sullivan explained that the committee is made up of the District Chiefs. Mr. Morris indicated the committee includes five voting members and mentioned some of the members including, himself, Dr. Bridget Williams, Dr. Maria Vazquez, Dale Kelly, and Roberto Pacheco

Douglas Kelly asked if the technology used in the HVAC bi-polar ionization systems has been proven or tested. Catherine Sullivan responded yes. Jeff Hart continued by explaining that before this system was implemented by OCPS, it was a proven approach for achieving better indoor air quality and the team obtained information from UCF regarding their use of the system in their facilities, including the arena. This change was implemented a couple years ago.

Douglas Kelly asked if the team had knowledge of the return on investment or the life cycle for these systems. Jeff Hart explained that the system is a fairly simple install at each air handler unit, and the cost is approximately \$1,500.00 to \$2,000.00 per unit.

Ksenia Merck asked for the definition of the term “tenants” as referenced during the presentation of the metering systems. Catherine Sullivan explained the term “tenant” is used for people renting the facilities.

Ksenia Merck requested to make the presentation available for COVE members that were unable to attend the meeting. She also mentioned that the Committee will debate whether or not a separate session will be required to discuss the changes in 2019.

Facilities Conditions Assessments Update

Basem Ghneim and Bill Terry presented an update on the Facilities Conditions Assessment (FCA) of the District’s inventory which includes 227 facilities and 32 million GSF. They explained a grouping structure was used to organize district-wide facilities and a priority structure was used to describe the level of importance of a system with regard to maintaining safe, efficient school operations.

Explained the seven capital program elements and highlighted the three that are directly tied to the costs and timeline in the facilities condition assessment (FCA) database (Capital Renewal, Pre-2003 Sales Tax Facilities and Repurposed Facilities).

The FCA database is comprised of an inventory structure and life cycle models for forecasting cost and time to replace systems and subsystems.

Results of the 2018 FCA database refresh included updated life cycle models, collection of field data for select facilities, capturing improvements since the 2013 assessment, and merging legacy data (from 2013) and new data.

Explained the basis of cost projections, including the escalation of forecasted future costs. Summarized the 10-year projections for the capital program from FY20 through FY29.

Douglas Kelly asked if the District is looking at the maintenance history to access the needs when conducting the facilities assessments. Bill Terry and Basem Ghneim explained that interviews and meetings with maintenance and school personnel are conducted and taken into consideration when making a decision to repair or replace a system. The decision is based on both not only by age or data but the combination of the

two.

Ksenia Merck asked what is the difference between our 2018 RS Means and the local cost index? Bill Terry indicated that the costs from OCPS historical data are greater than that of RS Means by 10-15% after the application of the RS Means location factor.

Ksenia Merck asked if security mandates will need a contingency fund for unforeseen costs and how we are addressing it. Basem indicated we have not captured that yet. The assessment is updated once a year consistent with the budget cycle. This assessment is identifying the needs as they are today, and as we know more, we will adjust it and look for the reserves outside of this formula to be able to fund the need.

Ksenia Merck requested a report on what the school projections were from five years ago compared to what they are today to be able to appreciate the progress and accomplishments of the team. Basem responded that we have the information and pointed out that three years ago the relief portion of the program spiked and the team focused on that portion of the program versus capital renewal and therefore, capital renewal did not achieve as much as we had originally planned.

COVE Members discussed the need to re-valuate the formula for funding Capital Renewal Projects.

Adjournment

OCPS Board Facilities Presentation will be held on April 16, 2019 at 4:30pm.

There being no further business the meeting was adjourned at 10:36 a.m.

The next meeting will be held on Thursday, April 18, 2019, at 8 a.m., at Facilities Services, 6501 Magic Way, Bldg. 200, Orlando, FL 32809.

Minutes Authenticated by:

Ksenia Merck
Chairman COVE Committee

Date of approval

Laura L. Kelly
Legal Services Facilities

Date of approval

COVE MEETING NOTES



The Construction Oversight and Value Engineering Committee (COVE) monthly meeting convened on Thursday, April 18, 2019 at 8:00 a.m., at Facilities Services, 6501 Magic Way, Bldg. 200, Orlando, Florida 32809.

COVE Members in Attendance: Pat Knipe, James Knapp, Stuart Kramer, and Ksenia Merck (appeared telephonically).

OCPS Staff in Attendance: John Morris, Laura Kelly, Judith Padres, Dale Kelly, Jeff Hart, Mari Espinal, Ed Ames, Rory Salimbene, Gabi Stephan, Basem, Craig Jackson, Toni Greene, Linda Lindsey, Alva Johnson, Faz Ali, Mark O'Connor and Sandra Roopwah (as scribe).

Call to Order:

A quorum was not established, so no official action could be taken. Vice-Chairman Pat Knipe called the meeting to order at 8:00 a.m.

Approval of Minutes

Due to a lack of quorum, the minutes from March 21, 2019 were not approved. The minutes will be presented at May's COVE meeting for approval.

Ksenia Merck mentioned that she attended the Facilities Board Workshop on April 16, 2019. She commended the Facilities Team for their presentation to the School Board and thanked them for their great work. Ksenia Merck mentioned that she will email Toni Greene her notes taken during Facilities Board Presentation.

A copy of the power point was given to those attending today.

Departmental Reports

➤ **Project Status**

Mari Espinal reported that there have been no changes to the Planning and Design phase. In the Construction phase, Site 25 was named Castlevue ES and Site 49 was named Water Springs. In the Closeout phase, Audubon Park School has increased by \$346 thousand and Frangus ES has decreased by \$385 thousand.

Jeff Hart reported there are currently 13 projects under construction amounting to approximately \$316 million. He briefed the Committee on projects under construction, substantially complete, anticipated future milestones, projects in close-out, and those entering the design phase.

➤ **Change Order Reports**

Ed Ames indicated there were no significant change orders or amendments to report for the month of February.

Furthermore, he outlined a list of RFQ's currently soliciting different services and provided a timeline for each RFQ.

Stuart Kramer questioned a change order for Pine Hills ES. Jeff Hart explained that the existing utility line was only two (2) feet underground and the utility company required it to be three (3) feet underground, since the bus loop is constructing over the utility lines.

➤ **Capital Renewal Update**

Rory Salimbene noted that currently there are a total of 49 active projects in progress for improvements at 42 sites, with an estimated total cost of \$203 million and construction cost of approximately \$155 million. The active projects increased by three with three small projects added since our last report.

Presentations (*Follow-up from March COVE Meeting*)

Geotechnical Process

Gabi Stephan provided an overview of our Geotechnical Processes, as well as the methodology used to perform the studies. He mentioned the three most common geotechnical issues found in Central Florida area are: (i) shallow groundwater table, (ii) muck, and (iii) karst features (landscape underlain by limestone which has been eroded by dissolution, producing ridges, towers, fissures, sinkholes and other characteristic landforms).

Adjournment

There being no further business the meeting was adjourned at 9:25 a.m.

The next meeting will be held on Thursday, May 16, 2019 at 8:00 a.m., at Facilities Services, 6501 Magic Way, Bldg. 200, Orlando, FL 32809.

Sales Tax Referendum Projects and Expenditures/Commitments History to Date
May 3rd, 2019

Prty	School Name	Architect	Contractor	Fiscal Years 2003-2018 Expenditures	FY2019 Current Budget	19 Pre-Enc	19 Enc	19 Exp	Balance	Project Status
1	Meadowbrook Middle	Schenkel Shultz	H.C. Beck	\$ 26,049,489	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
2	Liberty Middle	Hunton Brady Architects	Ajax Corporation	\$ 17,662,038	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
3	McCoy Elementary	Schenkel Shultz	Turner Construction	\$ 14,533,402	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
4	Jackson Middle	Rhodes and Brito Architects	Centex Rooney	\$ 20,067,753	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
5	Windy Ridge K-8	BRPH Architects	Wharton Smith	\$ 26,815,040	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
6	Colonial 9th Grade Center	Starmer Ranaldi	Skanska/JCB	\$ 25,576,872	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
7	Ridgewood Park Elementary	Vitetta Group	Barton Malow	\$ 17,592,971	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
8	Tildenville Elementary	Hanson Professional Svs	Biltmore Construction	\$ 12,034,843	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
9	Bonneville Elementary	Stottler Stagg	Welbro Bldg Corp.	\$ 14,177,594	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
10	Bay Meadows Elementary	Starmer Ranaldi	Wharton Smith	\$ 16,276,478	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
11	Cheney Elementary	Reynolds, Smith & Hills	Williams Company	\$ 14,436,372	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
12	Catalina Elementary	Schenkel Shultz	Walker & Company	\$ 16,627,751	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
13	Sadler Elementary	C.T Hsu	Morganti Group	\$ 17,127,955	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
14	Union Park Middle	C.T Hsu	McCree	\$ 3,882,638	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
15	Apopka 9th GC			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Complete/Incl as part of HS
16	Apopka High	Schenkel Shultz	Skanska/JCB	\$ 80,625	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
17	Windermere Elementary	Harvard Jolly	McCree	\$ 15,267,318	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
18	Orlo Vista Elementary	Reynolds, Smith & Hills	Williams Construction	\$ 10,853,196	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
19	Lockhart Middle	Reynolds, Smith & Hills	Barton Malow	\$ 21,698,980	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
20	Conway Elementary	BRPH Architects	Williams Construction	\$ 15,540,301	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
21	Robinswood Middle	Rhodes and Brito Architects	Hunt Gomez	\$ 25,225,527	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
22	Lee Middle	C.T Hsu	Clark Construction	\$ 26,790,976	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
23	Lakemont Elementary	C.T Hsu	Wharton Smith	\$ 18,086,426	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
24	West Orange HS			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Compl. Refunded 06 COPS
25	Shenandoah Elementary	Rhodes and Brito Architects	Ruby Builders	\$ 14,120,543	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
26	Killarney Elementary	Hunton Brady Architects	Wharton Smith	\$ 13,241,138	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
27	Metro West Elementary	Starmer Ranaldi	Morganti Group	\$ 18,651,509	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
28	Conway Middle	Vitetta Group	Walker & Company	\$ 24,529,005	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
29	Maitland Middle	Rhodes and Brito Architects	Welbro Bldg Corp.	\$ 24,078,829	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
30	Palm Lake Elementary	Starmer Ranaldi	Morganti Group	\$ 16,680,694	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
31	Apopka Middle	BRPH Architects	Williams Company	\$ 30,888,502	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
32	Columbia Elementary	Schenkel Shultz	Skanska/JCB	\$ 18,015,384	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
33	Edgewater High	C.T Hsu	WG Mills	\$ 5,945,259	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
34	Discovery Middle	Vitetta Group	McCree	\$ 4,174,752	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
35	Winter Park 9th GC	DLR Group	Skanska/JCB	\$ 26,419,994	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
36	University High	Reynolds, Smith & Hills	Hunt Gomez	\$ 37,722,232	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
37	Walker Middle	Rhodes and Brito Architects	Walker & Company	\$ 3,029,630	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
38	Lake Sybelia Elementary	Vitetta Group	Williams Company	\$ 10,851,745	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
39	Piedmont Lake Middle	Vitetta Group	Williams Company	\$ 4,079,195	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
40	Dr. Phillips 9th GC			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Incl as part of HS
41	Rosemont ES	Rhodes and Brito Architects	Wharton Smith	\$ 6,837,233	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
42	Azalea Park ES	Song and Associates	Welbro Bldg Corp.	\$ 14,572,096	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
43	Hunters Creek ES	BRPH Architects	PPI	\$ 3,313,586	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
44	Hunters Creek MS	Vitetta Group	Williams Company	\$ 3,400,546	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
45	Waterbridge ES	Stottler Stagg	Walker & Company	\$ 15,684,055	\$ -	\$ -	\$ -	\$ -	\$ -	Complete

Sales Tax Referendum Projects and Expenditures/Commitments History to Date
May 3rd, 2019

Prty	School Name	Architect	Contractor	Fiscal Years 2003-2018 Expenditures	FY2019 Current Budget	19 Pre-Enc	19 Enc	19 Exp	Balance	Project Status
46	Chickasaw ES	Hunton Brady Architects	Walker & Company	\$ 12,246,375	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
47	Orange Center ES	BRPH Architects	McCree	\$ 10,661,217	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
48	Riverdale ES	Reynolds, Smith & Hills	Hodges Brothers	\$ 893,641	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
49	Gotha MS	Vitetta Group	Williams Company	\$ 4,147,754	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
50	Westridge MS	Zyscovich Architects	Clancy & Theys	\$ 20,454,442	\$ 47,556	\$ -	\$ 5,843	\$ 2,500	\$ 39,213	Complete
51	Southwood ES	Rhodes and Brito Architects	Wharton Smith	\$ 1,381,936	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
52	Lakeville ES	Reynolds, Smith & Hills	Wharton Smith	\$ 488,647	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
53	Pinewood ES	Reynolds, Smith & Hills	R.L. Burns	\$ 368,128	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
54	Zellwood ES	DLR Group	Balfour Beatty	\$ 16,209,000	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
55	Memorial Middle	Schenkel Shultz	Balfour Beatty	\$ 2,660	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
56	Cypress Springs ES	Stottler Stag	Walker & Company	\$ 16,744,000	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
57	Princeton ES	Rhodes and Brito Architects	Doster Constr	\$ 17,755,369	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
58	Dr. Phillips HS	C.T Hsu	J.A. Cummings	\$ 65,557,886	\$ 1,012,114	\$ -	\$ 55,437	\$ -	\$ 956,677	Complete
59	Rock Springs ES	BRPH Architects	Turner Construction	\$ 15,721,496	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
60	Aloma ES	Rhodes and Brito Architects	Doster Constr	\$ 11,641,264	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
61	Spring Lake ES	BRPH Architects	Charles Perry	\$ 14,051,417	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
62	Arbor Ridge K8	Schenkel Shultz	Mills Gilbaine	\$ 4,476,872	\$ -	\$ -	\$ -	\$ (304)	\$ 304	Split Funded 2010 QSCB & Sales Tax
63	Little River ES	C.T Hsu	J.A. Cummings	\$ 13,192,675	\$ 730,325	\$ -	\$ 2,403	\$ (44,560)	\$ 772,482	Complete
64	Eccleston ES	Rhodes and Brito Architects	Williams Company	\$ 3,800,094	\$ -	\$ -	\$ -	\$ -	\$ -	Split Funded 2010 QSCB & Sales Tax
65	Acceleration Academy West	BRPH	T & G Constructors	\$ 59,057	\$ 11,590,943	\$ 1,074	\$ 425,982	\$ 435,021	\$ 10,728,867	Design
66	Shingle Creek ES	Schenkel Shultz	Walbridge Aldinger	\$ 121,824	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
67	Oak Ridge High	Schenkel Shultz	Wharton Smith	\$ (122,585)	\$ 620,044	\$ -	\$ -	\$ (0)	\$ 620,044	Corrective work
68	Dommerich ES	Rhodes and Brito Architects	Welbro Bldg Corp.	\$ 16,685,578	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
69	Lancaster ES	Rhodes and Brito Architects	Morganti Group	\$ 16,592,755	\$ 39,371	\$ -	\$ -	\$ -	\$ 39,371	Complete
70	Brookshire ES	Hunton Brady Architects	Skanska/JCB	\$ 13,623,234	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
71	Lake Silver ES	Song and Associates	Williams Company	\$ 14,957,991	\$ 402,009	\$ -	\$ 0	\$ -	\$ 402,009	Complete
72	Dr. Phillips Elementary	Zyscovich Architects	James Pirtle	\$ 13,551,389	\$ 84,878	\$ -	\$ 3,131	\$ -	\$ 81,747	Complete
73	Ocoee ES	BRPH Architects	McCree	\$ 13,897,962	\$ 29,947	\$ -	\$ 175	\$ -	\$ 29,772	Complete
74	OCPS Academic Center for Excellence	Baker Barrios	Williams Company	\$ 54,978,854	\$ 2,034,418	\$ -	\$ 823,755	\$ 95,711	\$ 1,114,952	Close-out
75	Lake Weston ES	BRPH Architects	McCree	\$ 15,294,512	\$ 1,224,488	\$ -	\$ 29,654	\$ 4,800	\$ 1,190,034	Complete
76	West Orange Ninth GC			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Complete/Incl as part of HS
77	Waterford ES	Starmer Ranaldi	McCree	\$ 13,136,944	\$ 683,056	\$ -	\$ 0	\$ -	\$ 683,056	Complete
78	Cypress Creek HS	C.T Hsu	Wharton Smith	\$ 57,379,388	\$ 1,333,206	\$ -	\$ 16,660	\$ 1,690	\$ 1,314,855	Complete
79	Pineloch ES	BRPH Architects	McCree	\$ 13,590,684	\$ 27,655	\$ -	\$ 1,590	\$ -	\$ 26,065	Complete
80	Lake Whitney ES	Hunton Brady Architects	Charles Perry	\$ 9,037,944	\$ 2,444,056	\$ -	\$ 9,054	\$ -	\$ 2,435,002	Complete
81	John Young ES	Schenkel Shultz	Walbridge Aldinger	\$ 12,830,100	\$ 23,055	\$ -	\$ 1,313	\$ -	\$ 21,742	Complete
82	Clay Springs ES	Rhodes and Brito Architects	Williams Company	\$ 16,908,665	\$ 1,381,335	\$ -	\$ 14,846	\$ 6,243	\$ 1,360,245	Complete
83	Evans High	Schenkel Shultz	Williams Company	\$ 71,499,405	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
84	Lovell ES	Rhodes and Brito Architects	McCree	\$ 14,086,947	\$ 64,918	\$ -	\$ 17,478	\$ -	\$ 47,440	Complete
85	Apopka ES	Harvard Jolly	Welbro Bldg Corp.	\$ 14,473,688	\$ 1,280,312	\$ -	\$ 6,711	\$ -	\$ 1,273,601	Complete
86	Wheatley ES	Schenkel Shultz	Gilbane Building	\$ 14,640,611	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
87	Lockhart ES	Hunton Brady Architects	Morganti Group	\$ 15,868,612	\$ 692,388	\$ -	\$ 4,057	\$ 383	\$ 687,948	Complete
88	Riverside ES	Harvard Jolly	Welbro Bldg Corp.	\$ 15,460,731	\$ 847,269	\$ -	\$ 41,923	\$ 6,540	\$ 798,807	Complete

Sales Tax Referendum Projects and Expenditures/Commitments History to Date
May 3rd, 2019

Prty	School Name	Architect	Contractor	Fiscal Years 2003-2018 Expenditures	FY2019 Current Budget	19 Pre-Enc	19 Enc	19 Exp	Balance	Project Status
89	Dream Lake ES	Harvard Jolly	Charles Perry	\$ 16,958,771	\$ 770,229	\$ -	\$ 15,549	\$ -	\$ 754,681	Complete
90	Carver MS	Hunton Brady Architects	Walker & Company	\$ 35,341,046	\$ 1,538,954	\$ -	\$ 96,062	\$ 92,872	\$ 1,350,020	Complete
91	Tangelo Park ES	BRPH Architects	Clancy & Theys	\$ 16,315,406	\$ 57,365	\$ -	\$ 14,889	\$ 6,009	\$ 36,466	Complete
92	Dover Shores ES	Rhodes and Brito Architects	Charles Perry	\$ 16,380,544	\$ 5,769,456	\$ -	\$ 1,309,215	\$ 3,777,255	\$ 682,986	Close-out
93	Sally Ride ES	Song and Associates	Charles Perry	\$ 15,379,118	\$ 5,068,882	\$ -	\$ 1,901,094	\$ 2,278,965	\$ 888,824	Close-out
94	Engelwood ES	Rhodes and Brito Architects	Charles Perry	\$ 17,050,836	\$ 663,164	\$ -	\$ 59,924	\$ 144,893	\$ 458,347	Complete
95	Audubon Park ES			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
96	Oak Hill ES	BRPH Architects	Clancy & Theys	\$ 17,275,425	\$ 592,575	\$ -	\$ 54,135	\$ 42,582	\$ 495,858	Complete
97	Washington Shores ES	Rhodes and Brito Architects	Williams Company	\$ 14,000,246	\$ 193,802	\$ -	\$ -	\$ -	\$ 193,802	Complete
98	Lake Como School	Harvard Jolly	Williams Company	\$ 33,346,079	\$ 4,463,921	\$ 5,863	\$ 214,703	\$ 2,021,227	\$ 2,222,129	Close-out
99	Hillcrest ES	C.T Hsu	Wharton Smith	\$ 17,203,275	\$ 3,376,725	\$ -	\$ 262,360	\$ 2,116,561	\$ 997,804	Complete
100	Corner Lake MS	C.T Hsu	Wharton Smith	\$ 4,361,248	\$ 16,789,752	\$ -	\$ 4,121,849	\$ 8,651,042	\$ 4,016,861	Construction
101	Fern Creek ES			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
102	Rock Lake ES	BRPH Architects	Williams Company	\$ 19,112,422	\$ 1,141,578	\$ -	\$ 80,924	\$ (10,610)	\$ 1,071,264	Complete
103	Durrance ES			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
104	Kaley ES			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
105	Union Park ES	Zyscovich Architects	Pirtle Construction	\$ 15,988,742	\$ 3,961,258	\$ -	\$ 727,214	\$ 2,675,465	\$ 558,579	Close-out
106	Pine Hills ES	BRPH Architects	Pirtle Construction	\$ 17,854,749	\$ 3,779,251	\$ -	\$ 453,411	\$ 2,073,755	\$ 1,252,085	Close-out
107	Hungerford Prep HS			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
108	Southwest MS	C.T Hsu	Walker & Company	\$ 591,382	\$ 24,436,466	\$ 154,820	\$ 16,424,532	\$ 1,613,636	\$ 6,243,477	Construction
109	Pine Castle ES			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
110	Washington Shores PLC	C.T Hsu	Core Construction	\$ 2,892,201	\$ 1,107,799	\$ -	\$ 85,136	\$ (6,131)	\$ 1,028,793	Complete
111	Lake George ES	Hunton Brady Architects	Core Construction	\$ 869,133	\$ 12,511,867	\$ 100,658	\$ 4,458,337	\$ 5,357,383	\$ 2,595,489	Construction
112	Cherokee Except			\$ 23,797	\$ -	\$ -	\$ -	\$ -	\$ -	
113	Magnolia School	Harvard Jolly	CPPI	\$ 316,407	\$ 42,183,593	\$ -	\$ 1,343,872	\$ 1,585,251	\$ 39,254,470	Design
114	Mollie Ray ES	Rhodes and Brito Architects	Pirtle Construction	\$ 16,664,834	\$ 857,166	\$ -	\$ 39,247	\$ 10,383	\$ 807,536	Complete
115	Silver Star Center			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
116	Sunrise ES	Hunton Brady Architects	Core Construction	\$ 820,001	\$ 12,365,999	\$ 53,484	\$ 4,882,192	\$ 5,078,319	\$ 2,352,004	Construction
117	Ivey Lane ES	Harvard Jolly	Gilbane Building	\$ 16,741,632	\$ 884,368	\$ -	\$ 44,067	\$ 59,329	\$ 780,972	Complete
118	Lake Gem ES	Hunton Brady Architects	Wharton Smith	\$ 954,694	\$ 16,362,306	\$ 917	\$ 5,856,703	\$ 7,412,733	\$ 3,091,952	Construction
119	Deerwood ES	Schenkel Shultz	Pirtle Construction	\$ 846,969	\$ 21,491,531	\$ 68,841	\$ 5,963,038	\$ 14,067,034	\$ 1,392,619	Construction
120	Pershing School	Zyscovich Architects	Williams Company	\$ 8,355,430	\$ 30,651,570	\$ 28,164	\$ 11,291,626	\$ 17,140,241	\$ 2,191,540	Construction
121	Rolling Hills ES	Zyscovich Architects	Pirtle Construction	\$ 178,601	\$ 18,721,399	\$ -	\$ 552,510	\$ 631,030	\$ 17,537,859	Design
122	Meadow Woods ES	Schenkel Shultz	Welbro Bldg Corp.	\$ 18,557,173	\$ 768,828	\$ -	\$ 38,147	\$ 45,656	\$ 685,025	Complete
123	Ventura ES	Schenkel Shultz	Turner Construction	\$ 23,235,951	\$ 1,475,049	\$ -	\$ 7,619	\$ 294,839	\$ 1,172,590	Close-out
124	Frangus ES	BRPH Architects	Williams Company	\$ 18,347,281	\$ 5,122,719	\$ -	\$ 722,073	\$ 3,240,298	\$ 1,160,348	Close-out
125	Winegard ES	Schenkel Shultz	Williams Company	\$ 207,157	\$ 19,967,843	\$ -	\$ 371,868	\$ 718,141	\$ 18,877,834	Design
126	Clarcona ES			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
127	Maxey ES	Schenkel Shultz	Clancy & Theys	\$ 15,973,315	\$ 1,787,189	\$ -	\$ 162,782	\$ 731,718	\$ 892,689	Close-out
128	Pinar ES	Schenkel Shultz	R.L. Burns	\$ 206,635	\$ 17,743,365	\$ -	\$ 325,212	\$ 606,118	\$ 16,812,035	Design
129	Hungerford ES	Schenkel Shultz	Gilbane Building	\$ 13,731,856	\$ 7,790,144	\$ -	\$ 1,248,735	\$ 1,028,906	\$ 5,512,502	Close-out
130	Hidden Oaks ES	Harvard Jolly	Core Construction	\$ 15,699,758	\$ 3,356,242	\$ -	\$ 522,711	\$ 1,984,817	\$ 848,714	Close-out
131	Gateway Except			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
132	Meadow Woods MS	C.T Hsu	Wharton Smith	\$ 88,148	\$ 2,411,852	\$ -	\$ 1,214,083	\$ 284,247	\$ 913,522	Design
133	Mid Florida Tech			\$ -	\$ 6,250,000	\$ -	\$ -	\$ -	\$ 6,250,000	Planning
134	Westside Tech			\$ -	\$ 3,500,000	\$ -	\$ 83,693	\$ 17,331	\$ 3,398,977	Planning

Sales Tax Referendum Projects and Expenditures/Commitments History to Date
May 3rd, 2019

Prty	School Name	Architect	Contractor	Fiscal Years 2003-2018 Expenditures	FY2019 Current Budget	19 Pre-Enc	19 Enc	19 Exp	Balance	Project Status
135	Winter Park Tech			\$ -	\$ 3,000,000	\$ -	\$ 29,495	\$ -	\$ 2,970,505	Planning
136	Orlando Tech			\$ -	\$ 3,000,000	\$ -	\$ -	\$ -	\$ 3,000,000	Planning
	Wekiva HS	Schenkel Shultz	Skanska/JCB	\$ 64,243,219	\$ -	\$ -	\$ -	\$ -	\$ -	Complete
	Colonial HS	Schenkel Shultz	Gilbane Building	\$ 476,504	\$ 16,523,496	\$ -	\$ 8,362,878	\$ 5,476,923	\$ 2,683,694	Construction
	Boone HS	BRPH Architects/Schenkel	Williams Company	\$ 655,550	\$ 30,344,450	\$ 5,198	\$ 5,581,705	\$ 7,388,703	\$ 17,368,844	Design/Construction
	D/W Capital			\$ 1,326,700	\$ -	\$ -	\$ -	\$ -	\$ -	
	Sub-Total/Bldg & FF&E			\$ 1,809,561,870	\$ 379,375,495	\$ 419,018	\$ 80,383,603	\$ 99,144,943	\$ 199,427,930	
	Site Acquisition/Land related									
	OCPS Academic Center for Excellence			\$ 9,558,310	\$ 678,092	\$ -	\$ -	\$ 349,370	\$ 328,722	
	Apopka Elementary School			\$ 888	\$ -	\$ -	\$ -	\$ -	\$ -	
	Apopka High			\$ 523,736	\$ -	\$ -	\$ -	\$ -	\$ -	
	Brookshire ES			\$ 1,088	\$ -	\$ -	\$ -	\$ -	\$ -	
	Columbia Elementary			\$ 403,330	\$ -	\$ -	\$ -	\$ -	\$ -	
	Cypress Springs ES			\$ 9,146	\$ 3,290	\$ -	\$ -	\$ -	\$ 3,290	
	Dover Shores ES			\$ 4,417	\$ -	\$ -	\$ -	\$ -	\$ -	
	Edgewater High			\$ 698,939	\$ -	\$ -	\$ -	\$ -	\$ -	
	Evans High Expansion			\$ 20,247,104	\$ 776	\$ -	\$ -	\$ -	\$ 776	
	Gotha Middle			\$ 69,302	\$ -	\$ -	\$ -	\$ -	\$ -	
	Lake Como School			\$ 280	\$ 2,275	\$ -	\$ -	\$ 2,100	\$ 175	
	Lake Weston ES			\$ 65,628	\$ 560	\$ -	\$ -	\$ -	\$ 560	
	Lovell ES			\$ 22,015	\$ 23,425	\$ -	\$ -	\$ -	\$ 23,425	
	Maxey ES			\$ 2,018,281	\$ 293	\$ -	\$ -	\$ -	\$ 293	
	Orlo Vista Elementary			\$ 177,057	\$ -	\$ -	\$ -	\$ -	\$ -	
	Ocoee ES			\$ 1,227,086	\$ 994	\$ -	\$ -	\$ -	\$ 994	
	Pershing/Pine Castle K8			\$ 2,464,329	\$ 1,633	\$ -	\$ -	\$ (150)	\$ 1,783	
	Rock Lake ES			\$ 2,090	\$ 2,041	\$ -	\$ -	\$ 2,041	\$ -	
	Rolling Hills ES			\$ 159,950	\$ -	\$ -	\$ -	\$ -	\$ -	
	Walker Middle			\$ 78,249	\$ -	\$ -	\$ -	\$ -	\$ -	
	Wheatley ES			\$ 3,200	\$ -	\$ -	\$ -	\$ -	\$ -	
	Wekiva HS			\$ 4,677,247	\$ -	\$ -	\$ -	\$ -	\$ -	
	Windy Ridge K-8			\$ 2,500	\$ -	\$ -	\$ -	\$ -	\$ -	
	Site Acquisition			\$ -	\$ 956,442	\$ -	\$ -	\$ -	\$ 956,442	
	Sub-Total/Land			\$ 42,414,173	\$ 1,669,822	\$ -	\$ -	\$ 353,361	\$ 1,316,461	
	Capital Renewal			\$ 625,525,450	\$ 30,703,450	\$ -	\$ -	\$ 30,703,450	\$ -	
	Debt 09/10 Sales Tax to QSCB			\$ 59,256,330	\$ -	\$ -	\$ -	\$ -	\$ -	
	Digital Curriculum (Sales Tax Only)			\$ 59,371,356	\$ 58,820,943	\$ 4,949,134	\$ 15,228,461	\$ 28,345,064	\$ 10,298,285	
	Grand Total			\$ 2,596,129,179	\$ 470,569,710	\$ 5,368,152	\$ 95,612,064	\$ 158,546,817	\$ 211,042,676	

New Schools, Additions and Replacements Funded from COPS, IMPACT, CLASS SIZE, QSCB and SIT ☐
May 3rd, 2019

Project History from FY2003 to Present

School Name	Project Type	Funding	Architect	Contractor	Fiscal Years 2003-2018 Expenditures	FY2019 Current Budget	19 Pre-Enc	19 Enc	19 Exp	Balance	Year Scheduled to Open	Project Status
Projects In Progress												
20-E-SW-4	New School	Impact	Rhodes & Brito	Core Construction	\$ 196,981	\$ 22,723,020	\$ -	\$ 495,291	\$ 542,242	\$ 21,685,487	2020	Design
80-H-SW-4	New School	Impact	Schenkel Shultz	Pirtle Construction	\$ 163,727	\$ 5,836,273	\$ -	\$ 1,878,743	\$ 695,987	\$ 3,261,544	2022	Design
83-E-SE-2	New School	Impact	Rhodes & Brito	CPPI	\$ -	\$ 2,000,000	\$ -	\$ 390,004	\$ 357,847	\$ 1,252,149	2020	Design
85-E-W-4	New School	Impact	Rhodes & Brito	OHL	\$ -	\$ 22,920,000	\$ -	\$ 411,178	\$ 499,392	\$ 22,009,431	2020	Design
113-H-W-4	New School	Impact	Schenkel Shultz	Wharton Smith	\$ -	\$ 6,000,000	\$ -	\$ 2,478,728	\$ 741,182	\$ 2,780,090	2022	Design
118-E-SW-5	New School	Impact			\$ -	\$ 1,800,000	\$ -	\$ -	\$ 4,986	\$ 1,795,014	2020	Planning
Audubon Park School	New School	Impact/Local	Baker Barrios	Welbro Bldg Corp.	\$ 34,327,543	\$ 4,715,457	\$ 26,589	\$ 350,619	\$ 3,775,962	\$ 562,287	2018	Close-out
Castleview ES	New School	Impact	BRPH	CPPI	\$ 959,612	\$ 22,340,388	\$ 35,543	\$ 7,344,372	\$ 13,297,462	\$ 1,663,011	2019	Construction
Deerwood ES	Compreh	Local Sources	Schenkel Shultz	Pirtle Construction	\$ 22,500	\$ -	\$ -	\$ -	\$ -	\$ -	2019	Construction
Horizon West MS	New School	Impact/Local	Harvard Jolly	Wharton Smith	\$ 6,038,637	\$ 32,575,363	\$ 77,786	\$ 8,506,054	\$ 20,195,844	\$ 3,795,680	2019	Construction
Hungerford ES	Compreh	General Fund	Schenkel Shultz	Gilbane Building	\$ -	\$ 1,300,000	\$ -	\$ 1,200	\$ 1,298,800	\$ -	2019	Close-out
Maxey ES	Replacement	Local Sources	Schenkel Shultz	Clancy & Theys	\$ 29,496	\$ -	\$ -	\$ -	\$ -	\$ -	2018	
OCPs Academic Center for Excellence	New School	Local Sources	Baker Barrios	Williams Company	\$ 4,087,346	\$ -	\$ -	\$ -	\$ -	\$ -	2017	Close-out
Southwest MS	Compreh	Local Sources	C.T Hsu	Walker & Company	\$ 176,152	\$ -	\$ -	\$ -	\$ -	\$ -	2020	Construction
Timber Springs MS	New School	Impact	Hunton Brady	Pirtle Construction	\$ 35,749,626	\$ 1,248,374	\$ -	\$ 619,210	\$ (30,037)	\$ 659,200	2017	Close-out
Water Spring ES	New School	Impact	Schenkel Shultz	Welbro Bldg Corp.	\$ 708,012	\$ 22,551,988	\$ 60,345	\$ 7,809,584	\$ 11,876,511	\$ 2,805,548	2019	Construction
Site Acquisition and Related Costs for Projects in Progress												
20-E-SW-4	New School	Impact	Rhodes & Brito	Core Construction	\$ 8,355,883	\$ 1,129,252	\$ -	\$ -	\$ (738)	\$ 1,129,990	2020	Design
80-H-SW-4	New School	Impact	Schenkel Shultz		\$ 24,950,902	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	2022	Design
Timber Springs MS	New School	Impact	Hunton Brady	Pirtle Construction	\$ 1,134,507	\$ 4,020	\$ -	\$ 4,020	\$ -	\$ -	2017	Close-out
Completed Projects												
Andover ES	New School	05 COPS	Schenkel Shultz	Walker & Co.	\$ 13,610,099	\$ -	\$ -	\$ -	\$ -	\$ -	2005	
Apopka ES Addn	Addition	SIT	McCree/Design	McCree	\$ 5,008,744	\$ -	\$ -	\$ -	\$ -	\$ -	2007	
Apopka HS	Replace.	07COPS	Schenkel Shultz	Skanska/JCB	\$ 86,969,212	\$ -	\$ -	\$ -	\$ -	\$ -	2010	
Arbor Ridge	Compreh	2010 QSCB	Schenkel Shultz	Mills Gilbaine	\$ 12,118,554	\$ -	\$ -	\$ -	\$ -	\$ -	2014	
Audubon Park ES Relief	New School	07 COPS	Schenkel Shultz	Balfour Beatty	\$ 16,538,765	\$ -	\$ -	\$ -	\$ -	\$ -	2007	
Avalon Center for Technical Excellence	New School	07 COPS	Reynolds, Smith and Hills	Avalon Park Foundation	\$ 16,399,477	\$ -	\$ -	\$ -	\$ -	\$ -	2007	
Avalon MS	New School	Class Size	Developer/jBeat	Williams Constr.	\$ 31,407,200	\$ -	\$ -	\$ -	\$ -	\$ -	2006	
Bay Lake ES	New School	Impact	Schenkel Shultz	Pirtle Construction	\$ 17,853,084	\$ 883,916	\$ -	\$ 6,520	\$ 932	\$ 876,465	2016	
Bridgewater MS	New School	Impact	Schenkel Shultz	Skanska/JCB	\$ 32,320,221	\$ -	\$ -	\$ -	\$ -	\$ -	2007	
Castle Creek ES	New School	06 COPS	Schenkel Shultz	PPI/ACE	\$ 17,110,375	\$ -	\$ -	\$ -	\$ -	\$ -	2006	
Chickasaw ES	Addition	Class Size	Design Build	McCree	\$ 5,137,135	\$ -	\$ -	\$ -	\$ -	\$ -	2007	

New Schools, Additions and Replacements Funded from COPS, IMPACT, CLASS SIZE, QSCB and SIT

May 3rd, 2019

Project History from FY2003 to Present

School Name	Project Type	Funding	Architect	Contractor	Fiscal Years 2003-2018 Expenditures	FY2019 Current Budget	19 Pre-Enc	19 Enc	19 Exp	Balance	Year Scheduled to Open	Project Status
Cypress Creek HS	Compreh	Local Sources	C.T Hsu	Wharton Smith	\$ 172,407	\$ -	\$ -	\$ -	\$ -	\$ -	2016	
Eagle Creek ES	New School	Impact/Local	Schenkel Shultz	Clancy & Theys	\$ 14,168,469	\$ 38,238	\$ -	\$ 5,065	\$ -	\$ 33,174	2015	
Eagles Nest ES	New School	Impact	Schenkel Shultz	Construct Two	\$ 12,064,747	\$ -	\$ -	\$ -	\$ -	\$ -	2004	
East Lake ES	New School	02 COPS	Schenkel Shultz	PPI Constr Mgmt	\$ 14,051,480	\$ -	\$ -	\$ -	\$ -	\$ -	2005	
East River HS	New School	07 COPS	Schenkel Shultz	J.A Cummings	\$ 79,017,222	\$ -	\$ -	\$ -	\$ -	\$ -	2009	
Eccleston ES	Compreh	2010 QSCB	Rhodes and Brito	Williams Company	\$ 10,538,775	\$ -	\$ -	\$ -	\$ -	\$ -	2014	
Edgewater HS	Compreh	09 COPS/CIT	C.T. Hsu	WG Mills	\$ 88,628,285	\$ -	\$ -	\$ -	\$ -	\$ -	2011	
Forsyth ES	New School	Impact/Class Size	Schenkel Shultz	Construct Two	\$ 16,763,485	\$ -	\$ -	\$ -	\$ -	\$ -	2010	
Freedom MS	New School	Impact	Schenkel Shultz	PPI/ACE	\$ 31,723,084	\$ -	\$ -	\$ -	\$ -	\$ -	2005	
Gotha MS	Compreh	SIT	Vitetta	McCree/Williams	\$ 1,990,569	\$ -	\$ -	\$ -	\$ -	\$ -	2010	
Hunter's Creek ES	Compreh	99 & 02 COPS	BRPH	PPI Constr Mgmt	\$ 12,682,594	\$ -	\$ -	\$ -	\$ -	\$ -	2010	
Independence ES	New School	Impact	Schenkel Shultz	Clancy & Theys	\$ 14,091,252	\$ 42,284	\$ -	\$ 2,506	\$ -	\$ 39,778	2015	
Innovation Park MS	New School	Impact	Harvard Jolly	Wharton Smith	\$ 31,226,024	\$ 1,029,976	\$ -	\$ 96,535	\$ 181,559	\$ 751,882	2017	
Keene's Crossing ES	New School	Impact/Class Size	Schenkel Shultz		\$ 16,291,863	\$ -	\$ -	\$ -	\$ -	\$ -	2009	
Lake Nona HS	New School	Impact	Schenkel Shultz	Doster	\$ 75,005,110	\$ -	\$ -	\$ -	\$ -	\$ -	2009	
Laureate Park ES	New School	Impact	Schenkel Shultz	Morganti Group	\$ 17,854,522	\$ 880,478	\$ -	\$ 49,849	\$ 92,132	\$ 738,496	2017	
Legacy MS	New School	Impact	Schenkel Shultz	Walker & Co.	\$ 23,293,106	\$ -	\$ -	\$ -	\$ -	\$ -	2005	
Lockhart MS	Addition	Class Size			\$ 3,448,916	\$ -	\$ -	\$ -	\$ -	\$ -	2009	
Memorial MS	Replace.	COPS	Schenkel Shultz	Balfour Beatty	\$ 35,426,453	\$ -	\$ -	\$ -	\$ -	\$ -	2008	
Metro West ES	Compreh	99COPS/Sales Tax	Starmer Ranaldi	Morganti Group	\$ 645,103	\$ -	\$ -	\$ -	\$ -	\$ -	2010	
Millennia ES	New School	05 COPS/Impact	Schenkel Shultz	Welbro Bldg Corp.	\$ 17,438,874	\$ -	\$ -	\$ -	\$ -	\$ -	2006	
Millenia Gardens ES	New School	Impact	Rhodes and Brito	Wharton Smith	\$ 15,585,528	\$ 479,473	\$ -	\$ -	\$ 10,156	\$ 469,317	2016	
Moss Park ES	New School	06COPS	Schenkel Shultz	Welbro Bldg Corp.	\$ 17,008,339	\$ -	\$ -	\$ -	\$ -	\$ -	2007	
Oakridge HS	Compreh	09COPS	Schenkel Shultz	Wharton Smith	\$ 68,538,564	\$ 94,267	\$ -	\$ 5,900	\$ 0	\$ 88,367	2014	
Ocoee HS	New School	Impact	Schenkel Shultz	Centex Rooney	\$ 50,652,248	\$ -	\$ -	\$ -	\$ -	\$ -	2005	
Odyssey MS	New School	Impact	BRPH	Clark Constr	\$ 22,031,459	\$ -	\$ -	\$ -	\$ -	\$ -	2011	
Olympia HS Addn	Addition	Class Size	Design Build	McCree	\$ 6,306,271	\$ -	\$ -	\$ -	\$ -	\$ -	2007	
Prairie Lakes ES	New School	Impact/Class Size	Schenkel Shultz	Walker & Co.	\$ 16,119,777	\$ 59,697	\$ -	\$ -	\$ -	\$ 59,697	2013	
Riverside ES Addn	Addition	SIT/Class Size	Design Build	McCree	\$ 5,601,837	\$ -	\$ -	\$ -	\$ -	\$ -	2007	
Sand Lake ES	New School	Class Size/Impact	Schenkel Shultz	Skanska/JCB	\$ 17,952,688	\$ -	\$ -	\$ -	\$ -	\$ -	2006	
Shingle Creek ES	Compreh	09COPS	Schenkel Shultz	Walbridge	\$ 14,117,662	\$ 89,780	\$ -	\$ 11,577	\$ -	\$ 78,202	2014	
South Creek MS	New School	05 COPS	Schenkel Shultz	J.A Cummings	\$ 27,565,247	\$ -	\$ -	\$ -	\$ -	\$ -	2006	
Stone Lakes ES	New School	Impact/07COPS	Developer/Beat Kahli	Avalon Park Foundation	\$ 18,287,864	\$ -	\$ -	\$ -	\$ -	\$ -	2006	
Sun Blaze	New School	Impact/QSCB 2010	Schenkel Shultz	Welbro Bldg Corp.	\$ 16,906,108	\$ -	\$ -	\$ -	\$ -	\$ -	2013	
Sunridge ES	New School	07 COPS/Impact	Schenkel Shultz	James Pirtle	\$ 13,742,054	\$ -	\$ -	\$ -	\$ -	\$ -	2012	
Sunridge MS	New School	07 COPS/Impact	Schenkel Shultz	James Pirtle	\$ 28,052,091	\$ -	\$ -	\$ -	\$ -	\$ -	2012	
Sunset Park ES	New School	06 COPS	Schenkel Shultz	Charles Perry Construction	\$ 14,952,006	\$ -	\$ -	\$ -	\$ -	\$ -	2007	
Timber Lakes ES	New School	Impact	Reynolds, Smith and Hills	Walker & Co.	\$ 16,353,499	\$ -	\$ -	\$ -	\$ -	\$ -	2008	

New Schools, Additions and Replacements Funded from COPS, IMPACT, CLASS SIZE, QSCB and SIT ☐
May 3rd, 2019

Project History from FY2003 to Present

School Name	Project Type	Funding	Architect	Contractor	Fiscal Years 2003-2018 Expenditures	FY2019 Current Budget	19 Pre-Enc	19 Enc	19 Exp	Balance	Year Scheduled to Open	Project Status
Union Park MS	Compreh	04 COPS	McCree/Design Build	McCree	\$ 17,168,992	\$ -	\$ -	\$ -	\$ -	\$ -		
Vista Lakes ES	New School	06 COPS	Schenkel Shultz	PSA Constructors	\$ 14,835,682	\$ -	\$ -	\$ -	\$ -	\$ -	2006	
Walker MS	Compreh	2009 QSCB	Rhodes & Brito	Walker & Co.	\$ 24,483,684	\$ -	\$ -	\$ -	\$ -	\$ -	2012	
Wedgfield School	New School	Impact	Zyscovich	Pirtle Construction	\$ 33,468,878	\$ 691,122	\$ -	\$ 61,772	\$ 16,847	\$ 612,503	2016	
Westbrook ES	New School	Class Size	Schenkel Shultz	Construct Two	\$ 17,067,005	\$ -	\$ -	\$ -	\$ -	\$ -	2008	
Westridge MS	Compreh	2009 QSCB	Zyscovich	PPI Constr Mgmt	\$ 10,282,318	\$ -	\$ -	\$ -	\$ -	\$ -	2014	
West Creek ES	New School	02 COPS	Schenkel Shultz	Centex Rooney	\$ 23,170,612	\$ -	\$ -	\$ -	\$ -	\$ -	2004	
West Oak ES	New School	SIT/Impact	Schenkel Shultz	PPI Constr Mgmt	\$ 12,216,771	\$ -	\$ -	\$ -	\$ -	\$ -	2004	
West Orange HS	Replace.	06COPS	Schenkel Shultz	Clark Construction	\$ 81,009,345	\$ -	\$ -	\$ -	\$ -	\$ -	2009	
Westpointe ES	New School	Impact	Harvard Jolly	Gilbane	\$ 18,969,734	\$ 879,266	\$ -	\$ 104,090	\$ 134,596	\$ 640,580	2017	
Wetherbee ES	New School	Impact	BRPH	Skanska/JCB	\$ 14,072,160	\$ -	\$ -	\$ -	\$ -	\$ -	2011	
Whispering Oak El Relief	New School	02COPS	Schenkel Shultz	Hunt Gomez Construction	\$ 13,444,400	\$ -	\$ -	\$ -	\$ -	\$ -	2005	
Windermere ES	Compreh	04 COPS	McCree/Design Build	McCree	\$ 3,145,988	\$ -	\$ -	\$ -	\$ -	\$ -	2008	
Windermere HS	New School	Impact/Local	Schenkel Shultz	Wharton Smith	\$ 84,901,088	\$ 3,058,911	\$ -	\$ 30,963	\$ (246,665)	\$ 3,274,613	2017	
Winegard ES	Compreh	CIT	McCree/Design Build	McCree	\$ 5,254,897						2012	
Wolf Lake ES	New School	06 COPS	Schenkel Shultz	J.A Cummings	\$ 14,850,299	\$ -	\$ -	\$ -	\$ -	\$ -	2006	
Wolf Lake MS	New School	Class Size	Schenkel Shultz	J.A Cummings	\$ 28,625,324	\$ -	\$ -	\$ -	\$ -	\$ -	2006	
Wyndam Lakes ES	New School	06 COPS	Schenkel Shultz	Skanska/JCB	\$ 15,375,383	\$ -	\$ -	\$ -	\$ -	\$ -	2006	

Capital Funds Cash Flow

April 19th , 2019

Capital Renewal

	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029
Beginning Fund Balance ¹	621,867,887	581,431,644	469,468,001	476,833,773	440,898,190	381,186,812	307,559,438	249,337,334	256,277,298	185,103,890	69,603,890
Estimated Revenues ²											
Transfer In Sales Tax ³	-	49,781,329	59,037,395	63,864,417	70,688,622	80,072,626	86,677,896	92,939,964	101,726,592	-	-
<i>Total Estimated Revenues</i>	-	49,781,329	59,037,395	63,864,417	70,688,622	80,072,626	86,677,896	92,939,964	101,726,592	-	-
Estimated Expenses											
Capital Renewal Program	40,436,243	161,744,972	51,671,623	99,800,000	130,400,000	153,700,000	144,900,000	86,000,000	172,900,000	115,500,000	148,800,000
<i>Total Estimated Expenses</i>	40,436,243	161,744,972	51,671,623	99,800,000	130,400,000	153,700,000	144,900,000	86,000,000	172,900,000	115,500,000	148,800,000
Estimated Ending Fund Balance	581,431,644	469,468,001	476,833,773	440,898,190	381,186,812	307,559,438	249,337,334	256,277,298	185,103,890	69,603,890	(79,196,110)

Impact Fees

	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029
Beginning Fund Balance ¹	99,799,757	90,564,508	6,082,044	54,036,519	45,465,494	43,919,969	75,439,510	80,679,051	89,788,592	5,618,133	63,137,674
Estimated Revenues ²											
Impact Fee Revenues	24,728,220	63,804,475	63,804,475	63,804,475	63,804,475	62,219,541	62,219,541	62,219,541	62,219,541	62,219,541	62,219,541
<i>Total Estimated Revenues</i>	24,728,220	63,804,475	63,804,475	63,804,475	63,804,475	62,219,541	62,219,541	62,219,541	62,219,541	62,219,541	62,219,541
Estimated Expenses											
Additional Schools	33,963,469	148,286,939	15,850,000	72,375,500	65,350,000	30,700,000	56,980,000	53,110,000	146,390,000	4,700,000	91,700,000
<i>Total Estimated Expenses</i>	33,963,469	148,286,939	15,850,000	72,375,500	65,350,000	30,700,000	56,980,000	53,110,000	146,390,000	4,700,000	91,700,000
Estimated Ending Fund Balance	90,564,508	6,082,044	54,036,519	45,465,494	43,919,969	75,439,510	80,679,051	89,788,592	5,618,133	63,137,674	33,657,215

¹The FY 2019 beginning fund balance is as of 4/19/19. Revenues are calculated by subtracting actual revenues from projections. On the expense side, the calculation is based on projected expenses minus actuals, and the balance is then projected to be expensed out over the next 9 months.

²Does not include potential interest earnings. Revenues subject to change based on collection trends and economic conditions.

³Capital Renewal Transfer is subject to change based on actual expenses

Capital Funds Cash Flow

April 19th , 2019

Sales Tax (Original Program)

	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029
Beginning Fund Balance ¹	23,742,254	17,569,094	0	0	0	0	0	0	0	0	0
Estimated Revenues ²											
Sales Tax Revenues	-	-	-	-	-	-	-	-	-	-	-
<i>Total Estimated Revenues</i>	-	-	-	-	-	-	-	-	-	-	-
Estimated Expenses											
Comprehensive Needs	6,173,160	17,569,094									
Site Acquisition	-	-	-	-	-	-	-	-	-	-	-
Digital Curriculum	-	-	-	-	-	-	-	-	-	-	-
<i>Total Estimated Expenses</i>	6,173,160	17,569,094	-	-	-	-	-	-	-	-	-
Estimated Ending Fund Balance	17,569,094	0	0	0	0	0	0	0	0	0	0

Sales Tax (Renewal)

	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029
Beginning Fund Balance ¹	257,244,624	254,683,318	28,332,348	151,439,728	239,340,035	293,303,783	413,619,151	564,183,129	386,805,312	226,078,720	185,078,720
Estimated Revenues ²											
Sales Tax Revenues	95,161,052	274,252,253	276,994,776	279,764,723	282,562,371	285,387,994	288,241,874	145,562,147	-	-	-
<i>Total Estimated Revenues</i>	95,161,052	274,252,253	276,994,776	279,764,723	282,562,371	285,387,994	288,241,874	145,562,147	-	-	-
Estimated Expenses											
Comprehensive Needs	87,010,311	266,329,380	74,600,000	15,450,000	-	-	-	-	-	-	-
Pre 2003 Sales Tax Facilities	-	-	-	83,000,000	57,000,000	67,000,000	42,000,000	113,000,000	48,000,000	33,000,000	45,000,000
Repurposed Facilities	-	-	-	8,000,000	13,000,000	18,000,000	9,000,000	2,000,000	11,000,000	8,000,000	12,000,000
Functional Equity	-	10,000,000	20,000,000	20,000,000	25,000,000	-	-	-	-	-	-
Site Acquisition	548,281	1,096,562	-	-	-	-	-	-	-	-	-
Additional Schools	-	75,000,000	250,000	1,550,000	62,910,000	-	-	115,000,000	-	-	-
Digital Curriculum	10,163,765	98,395,953	-	-	-	-	-	-	-	-	-
Capital Renewal Transfer	-	49,781,329	59,037,395	63,864,417	70,688,622	80,072,626	86,677,896	92,939,964	101,726,592	-	-
<i>Total Estimated Expenses</i>	97,722,358	500,603,224	153,887,395	191,864,417	228,598,622	165,072,626	137,677,896	322,939,964	160,726,592	41,000,000	57,000,000
Estimated Ending Fund Balance	254,683,318	28,332,348	151,439,728	239,340,035	293,303,783	413,619,151	564,183,129	386,805,312	226,078,720	185,078,720	128,078,720

¹The FY 2019 beginning fund balance is as of 4/19/19. Revenues are calculated by subtracting actual revenues from projections. On the expense side, the calculation is based on projected expenses minus actuals, and the balance is then projected to be expensed out over the next 9 months.

²Does not include potential interest earnings. Revenues subject to change based on collection trends and economic conditions.

Capital Renewal

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Beginning Fund Balance	349,168,509	416,830,136	480,114,951	547,358,820	604,730,661
Revenues					
Interest	7,606,744	5,740,093	11,026,852	454,840	2,242,061
Other	-	-	10,244	18,354	22,677
Transfer In	63,380,900	68,001,900	72,087,500	77,724,600	23,556,150
Total Revenues	70,987,644	73,741,993	83,124,596	78,197,793	25,820,888
Expenditures					
Actual Expenses	3,326,017	10,457,178	15,880,727	20,825,952	24,704,042
Total Expenditures	3,326,017	10,457,178	15,880,727	20,825,952	24,704,042
Ending Fund Balance	416,830,136	480,114,951	547,358,820	604,730,661	605,847,506

FY2019 Sales Tax Forecast Compared To Collections
For Collections Received For The Period June 1, 2018 - May 31, 2019

	Fiscal Year 2014 Actual Collections	Fiscal Year 2015 Actual Collections	Fiscal Year 2016 Actual Collections	Fiscal Year 2017 Actual Collections	Fiscal Year 2018 Actual Collections	Fiscal Year 2019 Projected Collections	Fiscal Year 2019 Actual Collections	Date Received	Actual vs Projection				Actual vs Prior Year			
									Difference Monthly	% Difference Monthly	Difference Year To Date	% Difference Year To Date	Difference With Prior Year	% Difference With Prior Year	Cum Difference With Prior Year	% Cum Difference With Prior Year
June	15,866,254.38	16,335,673.86	15,769,023.57	18,341,978.54	19,973,576.12	19,669,144.00	21,813,615.21	8/27/2018	2,144,471.21	10.90%	2,144,471.21	10.90%	1,840,039.09	9.21%	1,840,039.09	9.21%
July	14,930,211.27	15,529,401.56	19,034,334.41	16,880,799.40	18,849,682.11	19,916,528.00	20,771,709.20	9/26/2018	855,181.20	4.29%	2,999,652.41	7.58%	1,922,027.09	10.20%	3,762,066.18	9.69%
August	14,259,501.78	15,368,391.33	15,712,985.30	16,467,246.10	18,266,458.15	18,346,139.00	19,375,685.05	10/30/2018	1,029,546.05	5.61%	4,029,198.46	6.96%	1,109,226.90	6.07%	4,871,293.08	8.53%
Quarter - Distribution	1,979,482.66	2,383,867.82	2,518,420.23	2,753,007.32	2,915,073.89	2,977,216.00	3,260,951.68	11/13/2018	283,735.68	9.53%	4,312,934.14	7.08%	345,877.79	11.87%	5,217,170.87	8.69%
Quarter - Total	47,035,450.09	49,617,334.57	53,034,763.51	54,443,031.36	60,004,790.27	60,909,027.00	65,221,961.14				4,312,934.14	7.08%			5,217,170.87	8.69%
September	13,629,513.88	15,438,987.77	16,661,266.04	17,590,426.20	17,945,849.27	18,982,878.00	20,029,498.75	11/27/2018	1,046,620.75	5.51%	5,359,554.89	6.71%	2,083,649.48	11.61%	7,300,820.35	9.37%
October	15,008,501.36	15,910,719.65	16,690,287.20	17,262,095.62	19,857,149.36	19,569,117.00	21,176,213.36	12/24/2018	1,607,096.36	8.21%	6,966,651.25	7.00%	1,319,064.00	6.64%	8,619,884.35	8.81%
November	15,011,511.00	15,573,411.58	17,376,140.77	18,502,526.16	21,069,313.79	20,710,488.00	21,848,769.67	1/29/2019	1,138,281.67	5.50%	8,104,932.92	6.74%	779,455.88	3.70%	9,399,340.23	7.91%
Quarter - Distribution	2,169,931.40	2,617,150.83	2,472,960.60	2,960,461.12	3,172,630.28	3,129,796.00	3,646,731.75	2/8/2019	516,935.75	16.52%	8,621,868.67	6.99%	474,101.47	14.94%	9,873,441.70	8.09%
Quarter - Total	45,819,457.64	49,540,269.83	53,200,654.61	56,315,509.10	62,044,942.70	62,392,279.00	66,701,213.53				8,621,868.67	6.99%			9,873,441.70	8.09%
First 1/2 Year Total	92,854,907.73	99,157,604.40	106,235,418.12	110,758,540.46	122,049,732.97	123,301,306.00	131,923,174.67				8,621,868.67	6.99%			9,873,441.70	8.09%
December	17,100,719.77	19,056,350.10	19,834,046.86	20,131,048.05	22,917,543.47	22,868,768.00	23,379,046.84	2/27/2019	510,278.84	2.23%	9,132,147.51	6.25%	461,503.37	2.01%	10,334,945.07	7.13%
January	15,342,058.35	16,366,512.92	16,719,170.09	17,580,911.73	20,407,250.45	19,895,623.00	21,073,610.65	3/27/2019	1,177,987.65	5.92%	10,310,135.16	6.21%	666,360.20	3.27%	11,001,305.27	6.65%
February	15,331,636.22	16,492,170.58	17,752,007.93	18,459,672.74	20,510,583.92	20,628,401.00	21,507,566.51	4/25/2019	879,165.51	4.26%	11,189,300.67	5.99%	996,982.59	4.86%	11,998,287.86	6.45%
Quarter - Distribution	2,255,244.88	2,770,545.75	2,763,706.36	3,066,413.56	3,421,591.03	3,364,605.00			0.00	0.00%	-	0.00%	0.00	0.00%	-	0.00%
Quarter - Total	50,029,659.22	54,685,579.35	57,068,931.24	59,238,046.08	67,256,968.87	66,757,397.00	65,960,224.00				-	0.00%			-	0.00%
3/4 Year Total	142,884,566.95	153,843,183.75	163,304,349.36	169,996,586.54	189,306,701.84	190,058,703.00	197,883,398.67				-	0.00%			-	0.00%
March	17,657,566.78	19,571,396.06	20,792,518.26	21,849,939.83	24,249,252.64	24,326,762.00			0.00	0.00%	-	0.00%	0.00	0.00%	-	0.00%
April	16,551,559.76	17,559,410.38	17,300,074.54	19,885,162.89	21,040,913.91	21,175,325.00			0.00	0.00%	-	0.00%	0.00	0.00%	-	0.00%
May	14,676,469.16	16,048,202.14	17,002,486.22	19,150,452.99	19,768,693.34	20,337,232.00			0.00	0.00%	-	0.00%	0.00	0.00%	-	0.00%
Quarter - Distribution	-	2,518,420.23	5,624,980.39	2,991,334.50	3,283,686.58	4,327,719.00			0.00	0.00%	-	0.00%	0.00	0.00%	-	0.00%
Quarter - Total	48,885,595.70	55,697,428.81	60,720,059.41	63,876,890.21	68,342,546.47	70,167,038.00	-				-	0.00%			-	0.00%
Second 1/2 Year Total	98,915,254.92	110,383,008.16	117,788,990.65	123,114,936.29	135,599,515.34	136,924,435.00	65,960,224.00				-	0.00%			-	0.00%
Annual Total	\$191,770,162.65	\$209,540,612.56	\$224,024,408.77	\$233,873,476.75	\$257,649,248.31	\$260,225,741.00	\$197,883,398.67				-	0.00%			-	0.00%

Orange County Public Schools Sales Tax Collection History

Fiscal Year	Amount
2003	48,842,739.57
2004	138,701,456.04
2005	149,353,778.11
2006	166,421,562.32
2007	170,597,435.85
2008	166,190,269.10
2009	154,176,277.50
2010	150,843,956.58
2011	163,594,345.29
2012	170,826,443.50
2013	181,301,579.35
2014	191,770,162.65
2015	209,540,612.56
2016	224,024,408.77
2017	233,873,476.75
2018	257,649,248.31
2019	197,883,398.67
Total	2,975,591,150.92



**PROJECT STATUS SUMMARY REPORT
NEW AND REPLACEMENT SCHOOLS
May 16, 2019**

Funding Source	Priority #	School Name	F1 Original 2019 Board Adopted Budget	F2 Adopted Budget Changes	F3 Current Board Adopted Budget	Estimated Cost At Completion	Variance	GMP Amount	F4 Construction Change Orders		F5 ODP Change Orders		Approved Construction		F6 Number of Days Past Substantial (Close-out)	Contract Type	CM / GC Firm	AE Firm	
									Amount	#	Deducts	#	NTP Construct	Contract Subst. Com					
Budget										Schedule				Contracting					
PLANNING PHASE																			
Impact		Site 118-E-SW-5	24,290,000	-	24,290,000	24,290,000													
Sales Tax	134	Site 73-T-W-7 (OTC Westside Campus)	36,500,000	-	36,500,000	36,500,000													
Sales Tax	135	OTC Winter Park Campus	30,800,000	-	30,800,000	30,800,000													
		Sub Total	91,590,000	-	91,590,000	91,590,000													
DESIGN PHASE																			
Impact	New	Site 80-H-SW-4	115,040,000	-	115,040,000	115,040,000													
Impact	New	Site 83-E-SE-3	24,290,000	-	24,290,000	24,290,000													
Impact	New	Site 85-E-W-4	24,290,000	-	24,290,000	24,290,000													
Impact	New	Site 113-H-W-4	115,040,000	-	115,040,000	115,040,000													
Sales Tax		Magnolia School and Behavior Center	45,000,000	-	45,000,000	45,000,000													
Sales Tax	128	Pinar ES	19,000,000	-	19,000,000	19,000,000													
Sales Tax	121	Rolling Hills ES	20,100,000	-	20,100,000	20,100,000													
Sales Tax	125	Winegard ES	21,400,000	-	21,400,000	21,400,000													
		Sub Total	384,160,000	-	384,160,000	384,160,000													
CONSTRUCTION PHASE																			
Impact	New	Site 20-E-SW-4	24,290,000	-	24,290,000	24,290,000	-	19,866,684					5/15/2019	4/10/2020		GMP	CORE	Rhodes + Brito	
Impact	New	Castleview ES (Site 25-E-SW-4)	23,300,000	-	23,300,000	23,063,000	237,000	18,515,591	33,169	1	(4,890,018)	2	6/1/2018	6/18/2019		GMP	CPPI	BRPH	
Impact	New	Water Spring ES (Site 49-E-W-4)	23,260,000	-	23,260,000	22,797,000	463,000	18,048,328	152,813	2	(4,880,087)	2	6/1/2018	6/24/2019		GMP	Welbro	Schenkel	
Impact	New	Horizon West MS (Site 37-M-SW-4)	38,614,000	-	38,614,000	38,372,000	242,000	30,366,051	-	2	(8,591,513)	2	2/23/2018	07/01/2019		GMP	Wharton	Harvard Jolly	
Sales Tax		Boone HS (Auditorium, gym, cafeteria)	31,000,000	-	31,000,000	31,000,000	-	12,006,991			(2,921,487)	2	6/20/2018	06/24/2019		GMP	Williams Co	Schenkel	
Sales Tax		Colonial HS (Auditorium)	17,000,000	-	17,000,000	17,000,000	-	13,836,772	49,611	1	(3,459,193)	2	6/8/2018	07/31/2019		GMP	Gilbane	Schenkel	
Sales Tax	119	Deerwood ES	22,361,000	-	22,361,000	22,361,000	-	18,690,486	58,251	1	(4,672,621)	1	6/1/2018	10/15/2019		GMP	Pirtle	Schenkel	
Sales Tax	120	Pershing School (Site 208-K8-SE-3)	39,007,000	-	39,007,000	39,007,000	-	29,563,321	189,868	5	(7,322,440)	1	2/23/2018	6/3/2019		GMP	Williams Co	Zyschovich	
CIT	New	Pine Hills Transportation	31,000,000	-	31,000,000	31,000,000	-	21,742,090	776,267	6	(5,177,553)	2	9/21/2017	11/19/2018		GMP	Ajax	BRPH	
		Sub Total	249,832,000	-	249,832,000	248,890,000	\$942,000	\$182,636,314	\$1,259,979	18	(\$41,914,913)	14							
CLOSE OUT PHASE															Actual				
Impact	New	Audubon Park School (Site 133-K8-E-6)	39,043,000	-	39,043,000	39,043,000	-	31,003,724	15,151	2	(8,502,182)	3	3/17/2017	7/24/2018	296	GMP	Welbro	Baker Barrios	
Impact	Relief	Timber Springs MS (Site 21-M-E-2)	36,998,000	-	36,998,000	36,998,000	-	30,047,858	(175,273)	4	(7,843,625)	3	2/1/2016	6/23/2017	692	GMP	Pirtle	Hunton Brady	
Sales Tax	124	Frangus ES	23,470,000	-	23,470,000	23,013,000	457,000	18,622,711	86,472	2	(4,580,721)	1	7/25/2017	10/30/2018	198	GMP	Williams Co	BRPH	
Sales Tax	130	Hidden Oaks ES	19,056,000	-	19,056,000	19,056,000	-	14,608,038	170,273	3	(3,630,193)	2	7/24/2017	09/18/2018	240	GMP	CORE	Harvard Jolly	
Sales Tax	129	Hungerford ES	22,522,000	-	22,522,000	22,522,000	-	14,723,364	74,062	3	(3,684,500)	1	7/27/2017	10/30/2018	198	GMP	Gilbane	Schenkel	
Sales Tax	New	Lake Como School (Site 205-K8-SW-6)	37,810,000	-	37,810,000	37,810,000	-	30,108,765	181,858	3	(7,359,254)	2	2/7/2017	6/19/2018	331	GMP	Williams Co	Harvard Jolly	
Sales Tax	127	Maxey ES (Site 207-E-W-7)	17,790,000	-	17,790,000	17,600,000	190,000	14,609,699	(271,741)	5	(3,508,718)	2	7/17/2017	7/17/2018	303	GMP	Clancy & Theys	Schenkel	
Sales Tax	New	OCPS ACE (PS8 Site 131-PS8-SW-5)	61,103,000	-	61,103,000	61,103,000	-	51,499,557	243,050	7	(13,294,657)	2	4/16/2015	8/7/2017	647	GMP	Williams Co	Baker Barrios	
Sales Tax	106	Pine Hills ES	21,634,000	-	21,634,000	21,634,000	-	17,489,097	45,316	1	(4,028,915)	2	7/20/2017	7/26/2018	294	GMP	Pirtle	BRPH	
Sales Tax	123	Ventura ES Replacement	24,711,000	-	24,711,000	24,711,000	-	18,338,709	52,538	12	(3,888,544)	2	10/1/2015	10/10/2017	583	GMP	Turner	Schenkel	
		Sub Total	304,137,000	-	304,137,000	303,490,000	647,000	241,051,522	421,704	42	(60,321,309)	20							
Grand Total			1,029,719,000	-	1,029,719,000	1,028,130,000	1,589,000	423,687,835	1,681,683	60	(102,236,221)	34							

Footnotes

- F1 - Reflects figure from the 10yr Capital Budget dated September 11, 2018.
- F2 - Reflects changes to the FY 2019 board adopted budget.
- F3- Amount comprised of prior year expenditures, current and future planned funding (Summary Budget FY 2019). There are no land costs included.
- F4 - Reflects total number of change orders and cumulative change order amount. Does not include ODP deductive and reconciliation change orders.
- F5 - Reflects the total amount and number of ODP deductive and reconciliation change orders to date.
- F6 - Reflects number of days beyond substantial completion. See justification below under Close Out Delays.

Close Out Delays

- Audubon Park School** – CFI awaits upgrade of the public safety radio distribution system.
- Frangus ES** – CFI delayed due to completion of punch list activities, processing bill of sale documents for offsite improvements, reconciliation of final project costs and upgrade of the public safety radio distribution system.
- Hidden Oaks ES** – CFI delayed due to reconciliation of final project costs and upgrade of the public safety radio distribution system.
- Hungerford ES** – CFI delayed due to completion of punch list activities, receipt of as-built and record documents, processing bill of sale documents for offsite improvements, reconciliation of final project costs and upgrade of the public safety radio distribution system.
- Lake Como School** – CFI awaits upgrade of the public safety radio distribution system.
- Maxey ES** - CFI awaits upgrade of the public safety radio distribution system.
- Timber Springs MS** – CFI delayed due to corrective work required to be performed on the soccer field which was not discovered until post substantial completion and upgrade of the public safety radio distribution system.
- OCPS ACE** - CFI delayed due to corrective work required to be performed on the soccer field which was not discovered until post substantial completion and upgrade of the public safety radio distribution system.
- Pine Hills ES** - CFI awaits upgrade of the public safety radio distribution system.
- Ventura ES** – CFI delayed due to reconciliation of final project costs and time impacts and upgrade of the public safety radio distribution system.

Other

Boone HS: GMP amount represents the sum of the Auditorium and Generator Packages.



PROJECT STATUS SUMMARY REPORT

COMPREHENSIVE SCHOOLS

May 16, 2019

Funding Source	Priority #	School Name	F1	F2	F3	Estimated Cost At Completion	Variance	GMP Amount	F4		F5		Approved Construction		F6	Contract Type	CM / GC Firm	AE Firm
			Original 2019 Board Adopted Budget	Adopted Budget Changes	Current Board Adopted Budget				Construction Change Orders	ODP Change Orders	NTP Construct	Contract Subst. Com	Number of Days Past Substantial (Close-out)	Amount				
			Budget										Schedule		Contracting			
PLANNING PHASE																		
Sales Tax	133	OTC Mid-Florida Campus	81,600,000	-	81,600,000	81,600,000												
Sales Tax	136	OTC Orlando Campus	25,000,000	-	25,000,000	25,000,000												
		Sub Total	106,600,000	\$0	\$106,600,000	\$106,600,000												
DESIGN PHASE																		
Sales Tax	65	Acceleration West	14,000,000	-	14,000,000	14,000,000												
Sales Tax	132	Meadow Woods MS	25,204,000	-	25,204,000	25,204,000												
		Sub Total	39,204,000	-	\$39,204,000	\$39,204,000												
CONSTRUCTION PHASE																		
Sales Tax	100	Corner Lake MS	21,151,000	-	21,151,000	21,028,000	123,000	13,851,636			(3,462,909)	1	3/9/2018	7/26/2019		GMP	Wharton	C.T. Hsu
Sales Tax	118	Lake Gem ES	17,317,000	-	17,317,000	16,727,000	590,000	11,125,623	90,000	1	(2,110,329)	1	6/20/2018	8/1/2019		GMP	Wharton	Hunton Brady
Sales Tax	111	Lake George ES	13,381,000	-	13,381,000	13,381,000	-	8,699,086			(2,174,772)	1	6/20/2018	7/26/2019		GMP	CORE	Hunton Brady
Sales Tax	108	Southwest MS	25,204,000	-	25,204,000	24,850,000	354,000	15,899,687					2/15/2019	7/27/2020		GMP	Walker	C.T. Hsu
Sales Tax	116	Sunrise ES	13,186,000	-	13,186,000	13,186,000	-	8,786,527			(2,196,632)	1	6/20/2018	7/26/2019		GMP	CORE	Hunton Brady
		Sub Total	90,239,000	\$0	\$90,239,000	\$89,172,000	1,067,000	\$58,362,559	90,000	1	(9,944,641)	4						
CLOSE OUT PHASE														Actual				
Sales Tax	92	Dover Shores ES (Jackson MS)	22,150,000	-	22,150,000	21,964,000	186,000	18,029,283	99,058	3	(3,827,740)	3	7/18/2017	12/7/2018	160	GMP	CPPI	Rhodes & Brito
Sales Tax	93	Sally Ride ES	20,448,000	-	20,448,000	20,256,000	192,000	15,663,493	279,033	3	(3,916,000)	1	7/17/2017	10/23/2018	205	GMP	Charles Perry	Song & Assoc
Sales Tax	105	Union Park ES	19,950,000	-	19,950,000	19,950,000	-	16,317,570	105,022	2	(3,195,456)	2	7/27/2017	10/26/2018	202	GMP	Pirtle	Zyscovich
		Sub Total	62,548,000	\$0	\$62,548,000	\$62,170,000	\$378,000	50,010,346	483,112	8	(10,939,196)	6						
Grand Total			298,591,000	-	298,591,000	\$297,146,000	\$1,445,000	108,372,905	573,112	9	(20,883,837)	10						

Footnotes

- F1 - Reflects figure from the 10yr Capital Budget dated September 11, 2018.
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- F4 - Reflects total number of change orders and cumulative change order amount. Does not include ODP deductive and reconciliation change orders.
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- F6 - Reflects number of days beyond substantial completion. See justification below under Close Out Delays.

Close Out Delays

- Dover ShoresES** – CFI awaits upgrade of the public safety radio distribution system.
- Sally Ride ES** – CFI delayed due to completion of punch list activities, reconciliation of final project costs and upgrade of the public safety radio distribution system.
- Union Park ES** – CFI delayed due to completion of punch list activities, receipt of warranty certificates and O&M manuals, reconciliation of final project costs and upgrade of the public safety radio distribution system.

Construction Update as of May 7, 2019

We continue with **13 projects under construction** amounting to approx. **\$316M**.

5 – Comprehensive = \$90,239,000

- **Corner Lake MS** (Comprehensive Renovation) – NTP was issued on March 9, 2018, and involves four separate phases with an overall substantial completion scheduled for July 26, 2019.
 - The initial phase involving the renovation of the cafeteria/kitchen, gymnasium, band/chorus and play courts/track were completed in August 2018; the second phase involving the renovation of Classroom building 3 was completed on December 14, 2018; and Phase 3 is currently underway renovating classroom building 2 which is expected to be substantially completed by May 30, 2019.
- **Lake Gem ES** (Comprehensive Renovation) – Construction NTP was issued on June 20, 2018, and involves six separate phases including the addition of a twelve classroom building, with an overall substantial completion scheduled for August 1, 2019.
 - The initial phase involving a new Central Energy Plant and a new 12 classroom building was substantially completed on December 20, 2018. The second phase involving the renovation of Classroom Building 5 was substantially completed on February 8, 2019. The third phase involving the renovation of Classroom Building 6 was completed on March 22, 2019. And recently completed Phase 4 - the renovation of Classroom building 3, which was completed on May 1, 2019. And recently commenced with Phase 5 - the renovation of Classroom building 2, which is scheduled for completion on July 3, 2019.
- **Lake George ES** (Comprehensive Renovation) – Construction NTP was issued on June 20, 2018, and involves five separate phases with an overall substantial completion scheduled for July 26, 2019.
 - The initial phase involving the renovation of Classroom Building 5 was substantially completed on December 14, 2018. The second phase involving the renovation of Classroom Building 3 was substantially completed on February 8, 2019. The third phase involving the renovation of Classroom Building 6 was recently completed on April 12, 2019. Phase 4 involving the renovation of Classroom Building 2 recently commenced and is on scheduled for completion by June 10, 2019.
- **Sunrise ES** (Comprehensive/Renovation) – Construction NTP was issued on June 20, 2018, and involves five separate phases with an overall substantial completion scheduled for July 26, 2019.
 - The initial phase involving the renovation of Classroom Building 3 was substantially completed on December 14, 2018. The second phase involving the renovation of Classroom Building 5 was substantially completed on February 7, 2019. The third phase

involving the renovation of Classroom Building 6 was recently completed on April 12, 2019. Phase 4 involving the renovation of Classroom Building 2 recently commenced and is on scheduled for completion by June 10, 2019.

- **Southwest MS** (Comprehensive Renovation) – NTP was issued on February 15, 2019, and involves five separate phases with an overall substantial completion scheduled for July 27, 2020.

And,

8 - New/Replacements = \$225,542,000

- **Pine Hills Transportation Compound** – a construction NTP was issued on September 21, 2017, for this Design-Build transportation project, with an overall project completion scheduled for November 2018. The project schedule milestones account for multiple phases, with the Bus Parking and Staging areas to have been completed by March 8, 2018, the administration building to be substantially complete in August 2018, the driver’s lounge and parking, along with the maintenance building to be substantially completed in November 2018. Due to unsuitable soils material discoveries, and additional excavation and replacement thereof, the project has experienced extensive time delays and requests for additional compensation, whereby the Design-Builder is now reporting an overall projected substantial completion date of August 2019.
 - Initial phase involving the Bus Parking and Staging areas was substantially completed on December 10, 2018, and the Administration Building was completed on January 8, 2019.
 - The driver’s Lounges and associated parking were recently completed on February 14, 2019; and are now occupied.
 - Based on claims issued by the Design-Builder, additional scope and cost associated with discovered unsuitable soils and debris amount to over \$2M. In addition, additional debris and loose soils have been uncovered at the location for the new fueling island, and are now being addressed.
- **Horizon West Middle School** (Bridgewater area relief) - construction NTP was issued on February 23, 2018, with an overall project substantial completion originally scheduled for May 29, 2019.
 - Due to the delayed start associated with sand skink mitigation measures and gopher tortoise relocations, mobilization for construction was not granted until April 24, 2018, resulting in a 2 month delay. The team worked out an agreement with the CM to mitigate the overall delay to 33 days, with a revised substantial completion date of July 1, 2019.

- **Pershing School** (K8 Replacement) - construction NTP was issued on February 23, 2018, with an overall project substantial completion originally scheduled for May 15, 2019.
 - Due to code required modifications to the fire alarm system to add a voice evacuation component; as well as, delays associated with water supply to the site from OUC, the overall project completion date is now anticipated for June 17, 2019.
- **Castleview Elementary School** (South of Reams Road area relief) - construction NTP was issued on June 1, 2018, with an overall substantial completion originally scheduled for May 3, 2019.
 - Due to delays associated with receiving the required ROW and E-Permits through Orange County, the building substantial completion has been revised to May 31, 2019, and the site related elements has been extended to June 18, 2019.
- **Water Spring Elementary** (Horizon West/Village H area relief) - construction NTP was issued on June 1, 2018, with an overall substantial completion scheduled for June 24, 2019.
- **Deerwood ES** (Replacement) - construction NTP was issued on June 1, 2018, with a main building substantial completion scheduled for May 31, 2019; and an overall substantial completion scheduled for October 15, 2019.
- **Colonial HS – Auditorium** (Replacement) - construction NTP was issued on June 8, 2018, with an overall substantial completion scheduled for July 31, 2019.
- **Boone HS – Auditorium** (Replacement) - construction NTP was issued on June 20, 2018, with an overall substantial completion scheduled for June 24, 2019.

Since our last report:

- Substantial Completions:
 - **Sunrise ES** – The third phase involving the renovation of Classroom Building 6 was completed on April 12, 2019.
 - **Lake George ES** – The third phase involving the renovation of Classroom Building 6 was completed on April 12, 2019.
 - **Lake Gem ES** - Phase 4 - the renovation of Classroom building 3 was completed on May 1, 2019, 5 days early.

Anticipated future milestones for construction:

- **Site 20-E-SW-4** - a construction Notice to Proceed is scheduled for May 15, 2019.
- **Corner Lake MS** - Phase 3 renovation of classroom building 2 is expected to be substantially completed by May 30, 2019.
- **Deerwood ES** - anticipates an initial phase substantial completion of the main building by May 31, 2019.
- **Castleview ES** - anticipates a building substantial completion by May 31, 2019, and an overall site and roadway completion June 18, 2019.
- **Lake George ES and Sunrise ES** - both are anticipating the completion of their respective Phase 4s involving the renovation of Classroom Building 2s by June 10, 2019.
- **Pershing School** - anticipates an overall project substantial completion by June 17, 2019.
- **Pinar ES** - a construction Notice to Proceed is scheduled for late May/early June 2019.
- **Magnolia School and Behavior Center** - a construction Notice to Proceed is scheduled for early-June 2019.
- **Rolling Hills ES** - a construction Notice to Proceed is scheduled for early-June 2019.
- **Winegard ES** - a construction Notice to Proceed is scheduled for early-June 2019.

For:

Close-out

- We continue with (13) projects in close-out:
 - Timber Springs MS
 - OCPS Academic Center for Excellence (ACE)
 - Ventura ES
 - Audubon Park School*
 - Lake Como School*
 - Maxey ES*
 - Pine Hills ES
 - Hidden Oaks ES
 - Sally Ride ES
 - Union Park ES
 - Frangus ES
 - Hungerford ES
 - Dover Shores ES/Jackson MS Athletic areas and road re-alignment*

Note: It has been decided, a project's CFIs should not be presented to the Board for approval, if a public safety radio frequency assessment has determined that additional measures are warranted.

*Indicates all close-out requirements are complete, other than the Radio Enhancement measures.

For:

Design

- We currently have (12) projects in the design phase:
 - Site 20-E-SW-4
 - Magnolia School and Behavior Center
 - Pinar ES
 - Rolling Hills ES
 - Winegard ES
 - Site 85-E-W-4
 - Site 83-E-SE-3
 - Meadow Woods MS
 - Site 113-H-W-4
 - Site 80-H-SW-4
 - Acceleration West
 - Boone HS Gymnasium

Anticipated future milestones for Design:

- Site 73-T-W-7 – Replacement campus for Orange Technical College – Westside Campus is scheduled for a design notice to proceed by June 7, 2019.

Plan Year(s) Filter: FY13 - FY19
Inventory Group Filter: G3,G4,G5,G6

Project Elements

Location	Age (Wt'd)	Maint. Area	Project Number	Size	Gp	Project Elements												Budget / Committed			Project Cost / Construction Cost				Construction Schedule				
						Site	Roofing	Structural	Exterior	Interior	Mechanical	Electrical	Plumbing	Life Safety	Technology	Conveyance	Specialties	Required Budget	Assigned to Date	Balance Uncommitted	Estimate Total Cost	Construction Amount	Change Orders	ODP	NTP	Substantial Completion	Closed (Forecast)	Days Past Subst. Compl. (close-out)	
																			FY13 - FY19			FY13 - FY20	Base	Amount	#	Deducts	#		
CAPITAL RENEWAL BUDGET																													
BOARD APPROVED BUDGET															304,828,376			377,128,376											
PLANNING PHASE																													
Colonial 9GC	19-Yr	NE	N0058.0	Lg	G4	✓	✓		✓	✓	✓		✓	✓			783,832	89,032	694,800	5,790,000	4,485,000	-	-	-	-				
Colonial HS	21-Yr	NE	N0035.2	Lg	G3					✓	✓		✓	✓			-	-	-	5,624,000	4,700,000	-	-	-	-				
Glenridge MS	16-Yr	NE	N0088.0	Int	G4	✓			✓	✓	✓		✓	✓			51,948	51,948	-	2,575,000	1,800,000	-	-	-	-				
Howard MS	18-Yr	SS	N0089.0	Lg	G3	✓	✓		✓	✓	✓	✓	✓	✓	✓		-	-	-	10,700,000	8,200,000	-	-	-	-				
Lakeville ES	21-Yr	NW	N0068.0	Lg	G5	✓				✓	✓						555,744	43,344	512,400	4,270,000	3,000,000	-	-	-	-				
Lakeview MS	24-Yr	NW	N0097.0	Int	G3		✓										-	-	-	832,000	500,000	-	-	-	-				
Riverdale ES	21-Yr	NE	N0143.13	Sm	G5					✓							275,000	910	274,090	275,000	250,000	-	-	-	-				
Riverdale ES	21-Yr	NE	N0064.0	Lg	G5		✓			✓			✓	✓			577,540	176,260	401,280	3,344,000	2,475,000	-	-	-	-				
Rosemont ES	19-Yr	NW	N0090.0	Int	G5	✓					✓	✓	✓	✓			-	-	-	2,100,000	1,600,000	-	-	-	-				
Thornebrooke ES	17-Yr	NW	N0091.0	Lg	G4	✓				✓	✓	✓	✓	✓			-	-	-	3,600,000	2,800,000	-	-	-	-				
Three Points ES	19-Yr	SS	N0092.0	Lg	G3	✓				✓	✓	✓	✓	✓			-	-	-	3,000,000	2,300,000	-	-	-	-				
Winter Park HS	14-Yr	NE	N0093.0	Lg	G3					✓	✓	✓	✓	✓			-	-	-	9,900,000	7,600,000	-	-	-	-				
Wolf Lake MS	13-Yr	NW	N0086.0	Int	G4					✓							327,629	178,349	149,280	1,244,000	525,000	-	-	-	-				
Unplanned Small Projects (Note 2) 53 Sm Unplanned: 8 in FY19 and 45 in FY20															1,200,000			7,950,000				6,625,000							
SUBTOTAL - PLANNING 13 Projects (excludes unplanned Sm projects)															3,771,692			61,203,999				46,860,000							
DESIGN / PRE-CONSTRUCTION PHASE																													
Acceleration East	17-Yr	NE	N0084.0	Lg	G4		✓			✓							534,891	234,032	300,859	3,161,000	2,620,000	-	-	-	-				
Bonneville ES	18-Yr	NE	N0027.0	Lg	G4		✓			✓	✓						570,971	203,571	367,400	3,674,000	2,700,000	-	-	-	-				
Boone HS	28-Yr	NE	N0101.0	Int	G3	✓											54,600	12,570	42,030	455,000	350,000	-	-	-	-				
Castle Creek ES	13-Yr	NE	N0143.10	Sm	G4					✓							275,000	910	274,090	275,000	250,000	-	-	-	-				
Citrus ES	20-Yr	NW	N0057.1	Int	G3				✓		✓						385,000	-	385,000	385,000	350,000	-	-	-	-				
College Park MS	11-Yr	NE	N0075.1	Sm	G5		✓										30,086	13,286	16,800	140,000	125,000	-	-	-	-				
Discovery MS	23-Yr	NE	N0036.0	Lg	G5				✓	✓	✓	✓	✓				2,190,354	1,034,176	1,156,178	12,977,000	9,800,000	-	-	-	-				
Freedom HS	16-Yr	SS	N0096.0	Int	G4					✓	✓	✓	✓				266,400	131,719	134,681	2,220,000	1,600,000	-	-	-	-				
Jones HS	15-Yr	SS	N0059.2	Lg	G3	✓			✓	✓	✓	✓	✓				1,736,838	804,845	931,993	9,299,000	7,150,000	-	-	-	-				
Ocoee MS	20-Yr	NW	N0026.0	Int	G3	✓				✓	✓	✓	✓				1,865,000	109,318	1,755,682	1,865,000	1,085,000	-	-	-	-				
Piedmont Lakes MS	26-Yr	NW	N0029.0	Sm	G5				✓		✓						625,000	166,409	458,591	625,000	130,129	-	-	-	-				
Ridgewood Park ES	13-Yr	NW	N0063.0	Int	G4	✓			✓		✓			✓			285,617	174,737	110,880	924,000	620,000	-	-	-	-				
SUBTOTAL - DESIGN 12 Projects															8,819,757			36,000,000				26,780,129							

Project Size Key
Lg - Constr. Amount > \$2M
Int - Constr. Amount > \$280K and < \$2M
Sm - Constr. Amount < \$280K

Notes
1. Capital Renewal is the replacement of major systems and components needed to preserve the efficient operation of school facilities. Capital Renewal funds are intended for Groups G3, G4, G5, and G6 school facilities, and Project Elements greater than \$50,000 in Priorities P1, P2, and P3 (and incidental P4 or P5 Elements).
2. "Unplanned Small Projects" assumes 15 projects per year, per Maintenance Area, at \$150K average per project.

Plan Year(s) Filter: FY13 - FY19						Project Elements														Budget / Committed			Project Cost / Construction Cost				Construction Schedule						
Inventory Group Filter: G3,G4,G5,G6						Site	Roofing	Structural	Exterior	Interior	Mechanical	Electrical	Plumbing	Life Safety	Technology	Conveyance	Specialties	Required Budget FY13 - FY19	Assigned to Date	Balance Uncommitted	Estimate Total Cost FY13 - FY20	Construction Amount		Change Orders		ODP		NTP	Substantial Completion	Closed (Forecast)	Days Past Subst. Compl. (close-out)		
Location	Age (Wt'd)	Maint. Area	Project Number	Size	Gp																	Base	Amount	#	Amount	#	Deducts					#	
CONSTRUCTION PHASE																																	
Apopka HS	11-Yr	NW	N0143.14	Int	G5						✓									825,000	444,095	380,905	825,000	750,000	-	-	-	-	02/11/19A	08/09/19			
Blankner K8	18-Yr	NE	N0023.0	Lg	G4	✓		✓		✓	✓		✓							6,250,000	6,131,811	118,189	6,250,000	5,449,595	(617,791)	1	(1,207,951)	2	03/28/18A	08/02/19			
Boone HS	28-Yr	NE	N0031.0	Lg	G3	✓				✓	✓	✓	✓							25,001,000	21,077,595	3,923,405	25,001,000	17,189,003	220,065	2	(1,859,776)	2	02/12/18A	08/06/19			
Bridgewater MS	12-Yr	NW	N0143.17	Int	G4					✓	✓									366,383	333,075	33,308	366,383	333,075	-	-	-	-	02/11/19A	08/09/19			
Colonial HS	21-Yr	NE	N0035.0	Lg	G3	✓		✓	✓	✓	✓		✓							5,754,000	4,281,897	1,472,103	5,754,000	4,126,473	-	-	(956,891)	1	02/11/19A	12/20/19			
Columbia ES	12-Yr	NE	N0143.11	Sm	G4					✓										275,000	253,496	21,504	275,000	250,000	-	-	-	-	03/20/19A	08/01/19			
Esteem Academy (AE)	26-Yr	NW	N0143.12	Sm	Repurp	✓														275,000	52,600	222,400	275,000	250,000	-	-	-	-	03/14/19A	07/11/19			
Freedom HS	16-Yr	SS	N0143.5	Sm	G4					✓										112,000	101,448	10,552	112,000	101,448	-	-	-	-	01/28/19A	05/28/19			
Gotha MS	25-Yr	NW	N0032.0	Lg	G5			✓		✓	✓		✓							10,888,000	7,897,553	2,990,447	10,888,000	8,585,287	-	-	-	-	03/18/19A	05/18/20			
Lake Nona HS	10-Yr	SS	N0143.2	Sm	G5					✓										163,000	155,570	7,430	163,000	155,570	-	-	-	-	01/08/19A	05/31/19			
Lake Nona HS	10-Yr	SS	N0143.3	Sm	G5					✓										199,000	189,452	9,548	199,000	189,452	-	-	-	-	01/08/19A	05/31/19			
Lawton Chiles ES	20-Yr	NE	N0060.0	Int	G3	✓		✓		✓										2,402,000	1,532,115	869,885	2,402,000	1,975,000	-	-	-	-	04/23/19A	09/20/19			
Memorial MS	11-Yr	SS	N0143.4	Sm	G5					✓										244,000	232,825	11,175	244,000	232,825	-	-	-	-	01/08/19A	05/31/19			
Northlake Park ES	20-Yr	SS	N0078.0	Int	G3					✓										1,361,000	1,051,952	309,049	1,361,000	1,109,804	-	-	-	-	04/10/19A	08/27/19			
Oakshire ES	20-Yr	SS	N0094.0	Lg	G3					✓										7,119,000	244,879	6,874,121	7,119,000	6,045,000	-	-	-	-	04/15/19A	09/18/20			
Ocoee MS	20-Yr	NW	N0026.1	Lg	G3	✓		✓		✓	✓	✓								5,116,000	3,829,937	1,286,062	5,116,000	4,019,174	-	-	-	-	04/11/19A	12/16/19			
Odyssey MS	19-Yr	NE	N0067.0	Lg	G3	✓				✓	✓									5,520,999	4,017,641	1,503,359	5,520,999	3,657,577	-	-	(457,556)	1	02/04/19A	11/27/19			
Olympia HS	19-Yr	NW	N0033.2	Lg	G3	✓		✓		✓			✓	✓						16,575,000	15,156,601	1,418,399	16,575,000	13,232,879	-	-	-	-	12/12/18A	02/11/20			
OTC-Avalon Campus	11-Yr	NE	N0143.1	Sm	G4					✓										184,000	168,315	15,685	184,000	165,000	-	-	-	-	01/28/19A	07/15/19			
Pinewood ES	22-Yr	NW	N0095.0	Lg	G5					✓										7,023,000	327,539	6,695,461	7,023,000	5,970,000	-	-	-	-	04/15/19A	09/18/20			
Southwood ES	22-Yr	SS	N0065.0	Int	G5	✓				✓	✓	✓								833,000	545,100	287,900	833,000	466,358	-	-	-	-	04/09/19A	07/03/19			
Stone Lakes ES	13-Yr	NE	N0143.6	Sm	G4					✓										275,000	249,917	25,083	275,000	250,000	-	-	-	-	01/08/19A	07/17/19			
Timber Creek HS	20-Yr	NE	N0037.2	Lg	G3	✓		✓		✓			✓	✓						16,958,000	16,381,764	576,237	16,958,000	13,982,080	-	-	(2,625,953)	1	07/05/18A	08/30/19			
Timber Creek HS	20-Yr	NE	N0143.15	Sm	G3					✓										275,000	163,611	111,389	275,000	250,000	-	-	-	-	02/11/19A	08/09/19			
West Oaks ES	15-Yr	NW	N0143.7	Sm	G4					✓										275,000	261,447	13,553	275,000	250,000	-	-	-	-	02/11/19A	08/09/19			
West Oaks ES	15-Yr	NW	N0143.16	Sm	G4	✓														275,000	52,231	222,769	275,000	250,000	-	-	-	-	02/11/19A	08/09/19			
Windermere ES	13-Yr	NW	N0143.8	Sm	G4					✓										275,000	263,046	11,954	275,000	250,000	-	-	-	-	02/11/19A	08/09/19			
Winter Park HS	14-Yr	NE	N0098.0	Int	G3					✓										500,000	445,993	54,007	500,000	419,193	-	-	-	-	03/28/19A	07/24/19			
SUBTOTAL - CONSTRUCTION	28 Projects																			115,319,382	85,843,505	29,475,877	115,319,382	89,904,792	(397,727)	3	(7,108,127)	7					
CLOSE-OUT																																	
Chain of Lakes MS	21-Yr	NW	N0076.0	Int	G3					✓	✓	✓								1,761,000	1,676,219	84,781	1,761,000	1,501,037	15,082	1	(163,083)	1	03/07/18A	12/12/18A	06/25/19		
Citrus ES	20-Yr	NW	N0057.0	Int	G3	✓		✓		✓	✓									1,715,000	1,631,545	83,456	1,715,000	1,104,954	-	-	(119,066)	2	04/13/18A	08/13/18A	06/25/19		
Citrus ES	20-Yr	NW	N0057.2	Int	G3															496,000	314,325	181,675	496,000	-	-	-	-	01/10/19A	01/25/19A	05/28/19			
Colonial HS	21-Yr	NE	N0035.1	Int	G3	✓														1,998,000	1,855,953	142,047	1,998,000	1,568,497	233,110	2	(258,600)	1	03/20/18A	02/08/19A	08/06/19		
College Park MS	11-Yr	NE	N0075.0	Int	G5	✓	✓	✓	✓	✓	✓	✓	✓							1,654,000	1,544,046	109,954	1,654,000	1,516,475	-	-	(322,800)	1	01/18/18A	08/07/18A	06/11/19		
Jackson MS	16-Yr	NE	N0077.0	Int	G4	✓		✓	✓	✓	✓	✓								1,476,000	1,318,465	157,535	1,476,000	1,087,070	-	-	(34,336)	2	10/03/17A	01/29/18A	06/11/19		
Jones HS	15-Yr	SS	D0103.1	Lg	G3	✓														3,014,000	2,848,850	165,150	3,014,000	2,780,610	247,835	3	-	-	05/24/16A	08/14/17A	06/11/19		
Lakeview MS	24-Yr	NW	N0041.2	Int	G3	✓				✓	✓									963,000	850,757	112,244	963,000	718,185	-	-	(37,770)	1	05/19/17A	10/11/17A	06/11/19		
Lawton Chiles ES	20-Yr	NE	N0060.1	Int	G3															410,000	363,718	46,283	410,000	-	-	-	-	10/22/18A	11/09/18A	05/28/19			
Liberty MS	14-Yr	NE	N0022.0	Lg	G4	✓	✓	✓	✓	✓	✓	✓	✓							9,055,000	8,420,635	634,365	9,055,000	7,401,231	172,749	8	(1,263,495)	2	02/09/16A	02/19/18A	06/25/19		
Oakshire ES	20-Yr	SS	N0061.1	Int	G3															496,000	402,505	93,495	496,000	-	-	-	-	01/28/19A	04/15/19A	08/13/19			
Odyssey MS	19-Yr	NE	N0067.1	Int	G3	✓	✓		✓	✓	✓									2,181,000	1,997,481	183,519	2,181,000	1,965,969	-	-	(703,648)	1	06/06/17A	11/30/17A	06/25/19		
Ridgewood Park ES	13-Yr	NW	N0063.2	Int	G4															410,000	355,010	54,990	410,000	-	-	-	-	09/17/18A	09/28/18A	05/28/19			
Riverdale ES	21-Yr	NE	N0064.1	Int	G5															410,000	337,381	72,619	410,000	-	-	-	-	09/04/18A	09/21/18A	05/28/19			
Southwood ES	22-Yr	SS	N0065.1	Int	G5															410,000	315,104	94,896	410,000	-	-	-	-	12/21/18A	01/10/19A	05/28/19			
Winter Park HS	14-Yr	NE	N0066.2	Int	G3	✓														1,628,000	1,501,131	126,869	1,628,000	1,220,671	-	-	-	-	06/30/17A	08/11/17A	05/28/19		
Wolf Lake ES	13-Yr	NW	N0085.0	Int	G4					✓										1,104,000	984,961	119,038	1,104,000	881,746	-	-	(203,095)	2	12/06/17A	05/02/18A	06/11/19		
SUBTOTAL - CLOSE-OUT	17 Projects																			29,181,000	26,718,085	2,462,915	29,181,000	21,746,445	668,776	14	(3,105,893)	13					
PREVIOUSLY COMPLETE	136 Projects																			45,432,786	45,432,786	-	45,432,786	35,978,738	1,139,130	28	(1,990,930)	17					
GRAND TOTAL	206 Projects																			\$ 202,524,618	\$ 161,419,793	\$ 41,104,825	\$ 287,137,169	\$ 221,27									

Capital Renewal Update – May 16, 2019

There are 53 active projects (22 large, 15 intermediate, 16 small) currently in progress for improvements at 44 sites, with an estimated total cost of \$204.5M and construction cost of \$156.9M. The total number of active projects has increased by four, with a corresponding increase in total cost of \$1.4M.

There are 13 projects currently being planned, which is an increase of one since the last report. A new small project providing for replacement of the chillers at Riverdale Elementary School has been added to the program.

Several projects currently being planned will commence their design phase in the near future. We anticipate design commencement on a campus-wide project at Colonial 9th Grade Center later this month. Additionally, we've concluded scope identification and are currently negotiating design agreements for several projects including the next phase of the Colonial High School project; a heating, ventilating and air conditioning (HVAC) improvements project at Wolf Lake Middle School; and a project addressing combined, similar building envelope and HVAC requirements at Lakeville and Riverdale Elementary Schools. Scope development continues on the remaining projects in planning.

Design continues on 12 projects, with six projects moving into construction since the last report. Of the remaining projects in design, three intermediate projects are scheduled to commence construction before the end of the fiscal year on June 30th. These include projects addressing campus-wide requirements at Ocoee Middle School, building envelope and intercom system issues at Citrus Elementary School, and softball field drainage renovations at Boone High School. Design work is also complete for large projects at Acceleration East and Jones High School, with those projects scheduled to commence later this summer. With the exception of the Ridgewood Park Elementary School paving project and the Bonnevillie Elementary School HVAC and building envelope project which are now scheduled for construction commencement in 2020, the remaining projects in design will commence later this year.

25 projects are currently under construction, which is an increase of nine since the last report. Projects commencing construction since the last report include intermediate building envelope and HVAC projects at Southwood and Lawton Chiles Elementary Schools; another intermediate project replacing the HVAC system serving building 200 at Northlake Park Elementary School; and large projects addressing the gymnasium at Ocoee Middle School and HVAC, low-voltage and plumbing system improvements at Pinewood and Oakshire Elementary Schools. The list of projects under construction also includes several projects that were added since the last report. These include intermediate chiller renewal projects at Apopka High School and Bridgewater Middle School, and new small projects addressing failed gutters and downspouts at West Oaks Elementary School and refurbishment of the cooling towers at Timber Creek High School.

Construction continues on large campus-wide projects at Boone, Timber Creek, Colonial and Olympia High Schools, Odyssey and Gotha Middle Schools, and Blankner K-8 School; an intermediate HVAC project addressing the HVAC system in Building 700 at Winter Park High School; and several small mechanical system and roofing projects. Except for the Olympia High School and Gotha Middle School projects which are scheduled for completion early in 2020, all projects currently under construction will be completed later in 2019.

A digital curriculum project at Oakshire Elementary School was completed since the last report.

The large and intermediate projects scheduled to commence later in 2019 represent an additional \$23.1M of anticipated construction contract awards for calendar year 2019. The detailed report reflects only minor changes in the forecasted balance of unused capital renewal funds through the end of FY 2020, with \$90.0M available for new requirements.

Capital Renewal Update as of May 16, 2019

Changes since 4/18/19

Planning

- New Project
 - o Riverdale ES – N0143.13 Chiller Replacement

Design

- Moved to Construction
 - o Lawton Chiles ES – N0060.0 HVAC, Env
 - o Northlake Park ES – N0078.0 HVAC Replacement, Bldg 200
 - o Oakshire ES – N0094.0 Minor Bldg Ext, HVAC, Lighting, FA, Int
 - o Ocoee MS – N0026.1 Gym Renewal / BAS
 - o Pinewood ES – N0095.0 Minor Bldg Ext, HVAC, Plbg, Int
 - o Southwood ES – N0065.0 Minor Bldg Ext, HVAC, Plbg

Construction

- New Projects
 - o West Oaks ES – N0143.16 Gutter Replacement
 - o Apopka HS – N0143.14 Chiller Renewal
 - o Timber Creek HS – N0143.15 Cooling Tower Refurbishment
 - o Bridgewater MS – N0143.17 Chiller Renewal
- Moved from Design
 - o Lawton Chiles ES – N0060.0 HVAC, Env
 - o Northlake Park ES – N0078.0 HVAC Replacement, Bldg 200
 - o Oakshire ES – N0094.0 Minor Bldg Ext, HVAC, Lighting, FA, Int
 - o Ocoee MS – N0026.1 Gym Renewal / BAS
 - o Pinewood ES – N0095.0 Minor Bldg Ext, HVAC, Plbg, Int
 - o Southwood ES – N0065.0 Minor Bldg Ext, HVAC, Plbg
- Moved to Close-out
 - o Oakshire ES – N0061.1 Digital Curriculum (Cohort 7)

Close-out

- Moved from Construction
 - o Oakshire ES – N0061.1 Digital Curriculum (Cohort 7)
- Moved to Complete
 - o Lockhart MS – N0129.0 Gym RTU Replacement

Capital Renewal Update as of May 16, 2019

Capital Renewal: Capital Renewal is the replacement of major systems and components needed to preserve the efficient operation of school facilities. Capital Renewal funds are intended for Groups G3, G4, G5, and G6 school facilities, and Project Elements greater than \$50,000 in Priorities P1, P2, and P3 (and incidental P4 or P5 Elements).

Project Elements

Site	Exterior	Electrical	Technology
Roofing	Interior	Plumbing	Conveyances
Structural	Mechanical	Life Safety	Specialties

Maintenance Areas

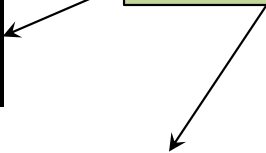
- NE - Northeast Maintenance Area
- NW - Northwest Maintenance Area
- SS - Super South Maintenance Area

Facilities Inventory - Group Structure

- G1 - balance of 2003 Sales Tax List, funded through FY16
- G2 - balance of 2003 Sales Tax List, funded FY17 - FY22

G3 - pre-2003 Sales Tax facilities; funded FY23 - FY26
G4 - facilities constructed or renovated 2003 to 2008
G5 - facilities constructed or renovated 2008 to 2013
G6 - facilities constructed or renovated 2013 to 2018

Eligible for CR funding



Funding Priorities

Priority P1: Life Safety, Roofing, Air Conditioning, Security
Priority P2: Exterior Doors/Windows, Elevators, Plumbing, Electrical Power, Technology, Perimeter Fencing / Gates, Interior Lighting
Priority P3: Interior Partitions / Doors / Windows, Ceilings, Exterior Lighting, Exterior Finishes, Voice Communications, Paving (Roads, Walks, Parking)

- Priority P4: Interior Specialties, Playground Equipment
- Priority P5: Interior Finishes, Landscaping, Athletic Facilities

Abbreviations

9GC - 9th Grade Center; Grade 9	K - Thousands (number); Kindergarten (school)
A - Actual (related to a date)	K8 - Grades K - 8
Age (Wt'd) - weighted age of a campus	Lg - Large CR Project; over \$2M
Alt Ed - Alternative Education	M - Millions
Bldg - Building	Maint. Area - Maintenance Area
CEP-E; Community Education Partners (Alt Ed)	MEP - Mechanical, Electrical and Plumbing
CEP-W; Community Education Partners (Alt Ed)	MS - Middle School; Grades 6 - 8
CR - Capital Renewal	NTP - Notice to Proceed
Dr H'wre - Door Hardware	ODP - Owner Direct Purchase
Elec - Electrical	R'newal - renewal of chiller
ES - Elementary School; Grades PreK - 5	SC - Substantial Completion
Est. - Estimated	Sm - Small CR Project; under \$280K
FY - Fiscal Year; July 1 through June 30	Subst. Compl. - Substantial Completion
Gp - Group; organization of campus-wide facilities	TBD - To Be Determined
HS - High School; Grades 9 - 12	Tech - Technology
HVAC - Heating, Ventilating and Air Conditioning	VFD - Variable Frequency Drive
Int - Intermediate CR Project; \$280K to \$2M	Yr - Year

Capital Renewal Update as of May 16, 2019
Active Projects With Construction Cost Exceeding \$10M

Boone High School Campus-wide Capital Renewal Project

Guaranteed Maximum Price: \$17,189,003

Campus-Wide Renovations (excluding auditorium, gymnasium/cafeteria)

- Complete roof replacement, all buildings
- Roof drain replacement in conjunction with roof replacement
- New lightning protection system
- Fire alarm system replacement
- Security camera system replacement
- Security camera system expansion (alternate funding)
- Replacement of the campus intercom system
- Re-keying all interior and exterior doors
- Upgrade of the existing Building Automation System (BAS) to support central monitoring

Classroom Buildings (100, 200, 300)

- Repair of CMU cracks, replacement of window and door sealants, and exterior wall painting
- Repair of damaged stucco soffit
- Replacement of exterior site lighting
- Replacement of exterior stairs (Building 100 only)
- Renovation of group restrooms with new fixtures, partitions and finishes
- Revision of restroom floor plans to meet accessibility requirements in conjunction with renovation
- Replacement of domestic water and wastewater piping
- Replacement of the building heating, ventilating and air conditioning (HVAC) system
- Conversion of the HVAC system to central station air handling units (AHU) in conjunction with replacement, with new mechanical rooms, ductwork, fans, VAV boxes, AHUs, piping
- Conversion from hot water to electric heat in conjunction with HVAC system replacement
- Replacement of acoustical ceilings to facilitate HVAC system conversion to AHU system
- Replacement of light fixtures with new LED panels in conjunction with ceiling replacement
- Fire sprinkler system modifications to facilitate HVAC system conversion to AHU system
- Replacement of cooling towers, condenser and chilled water pumps, boilers and condenser water treatment at the Central Energy Plant (CEP)

Other Buildings

- Replacement of the HVAC chiller and pumps serving the Field House

Capital Renewal Update as of May 16, 2019
Active Projects With Construction Cost Exceeding \$10M

Timber Creek High School Campus-wide Capital Renewal Project

Guaranteed Maximum Price: \$13,982,080

Building Envelope Renovations

- Complete roof replacement, all buildings
- Roof drain replacement in conjunction with roof replacement
- New lightning protection system
- Wall crack repairs at the Central Energy Plant (CEP)

Heating, Ventilating and Air Conditioning (HVAC) Renovations

- Replacement of all air-handling units (AHUs), campus-wide (47 AHUs)
- Addition of bi-polar ionization to select AHUs in conjunction with AHU replacement
- Replacement of HVAC duct work within mechanical rooms
- Replacement of all rooftop mechanical equipment (exhaust fans, air intakes)
- Variable frequency drive (VFD) replacements for AHUs and pumps
- Replacement of heating hot water piping and valves, campus-wide
- Replacement of cooling towers, condenser and chilled water pumps, boilers, condenser water piping and condenser water treatment at the Central Energy Plant (CEP)
- Replacement of the existing building automation system (BAS), campus-wide
- Rebalancing of all HVAC systems

Low-voltage System Improvements

- Replacement of the campus intercom system
- Replacement of the gymnasium sound system
- Replacement of the cafeteria sound reinforcement system

Safety and Security

- Fire alarm system replacement
- Intrusion detection system replacement
- Security camera system replacement
- Security camera system expansion (alternate funding)

Capital Renewal Update as of May 16, 2019
Active Projects With Construction Cost Exceeding \$10M

Olympia High School Campus-wide Capital Renewal Project

Guaranteed Maximum Price: \$13,232,880

Building Envelope Renovations

- Complete roof replacement (2 buildings) or new roof membrane (8 buildings), campus-wide
- Roof drain repair or replacement in conjunction with roof replacement
- New lightning protection system
- Sealant replacement at all sidewalk to wall transitions
- Sealant replacement at all tilt wall panel joints
- Wall crack and concrete spalling repairs at building 1100 and the cooling tower yard

Heating, Ventilating and Air Conditioning (HVAC) Renovations

- Replacement of all air-handling units (AHUs), campus-wide (49 AHUs)
- Addition of bi-polar ionization to select AHUs in conjunction with AHU replacement
- Replacement of HVAC duct work within mechanical rooms
- Variable frequency drive (VFD) replacements for AHUs and pumps
- Replacement of heating hot water piping and valves, campus-wide
- Replacement of cooling towers, condenser and chilled water pumps, boilers, condenser water piping and condenser water treatment at the Central Energy Plant (CEP)
- Replacement of the existing building automation system (BAS), campus-wide
- Rebalancing of all HVAC systems

Low-voltage System Improvements

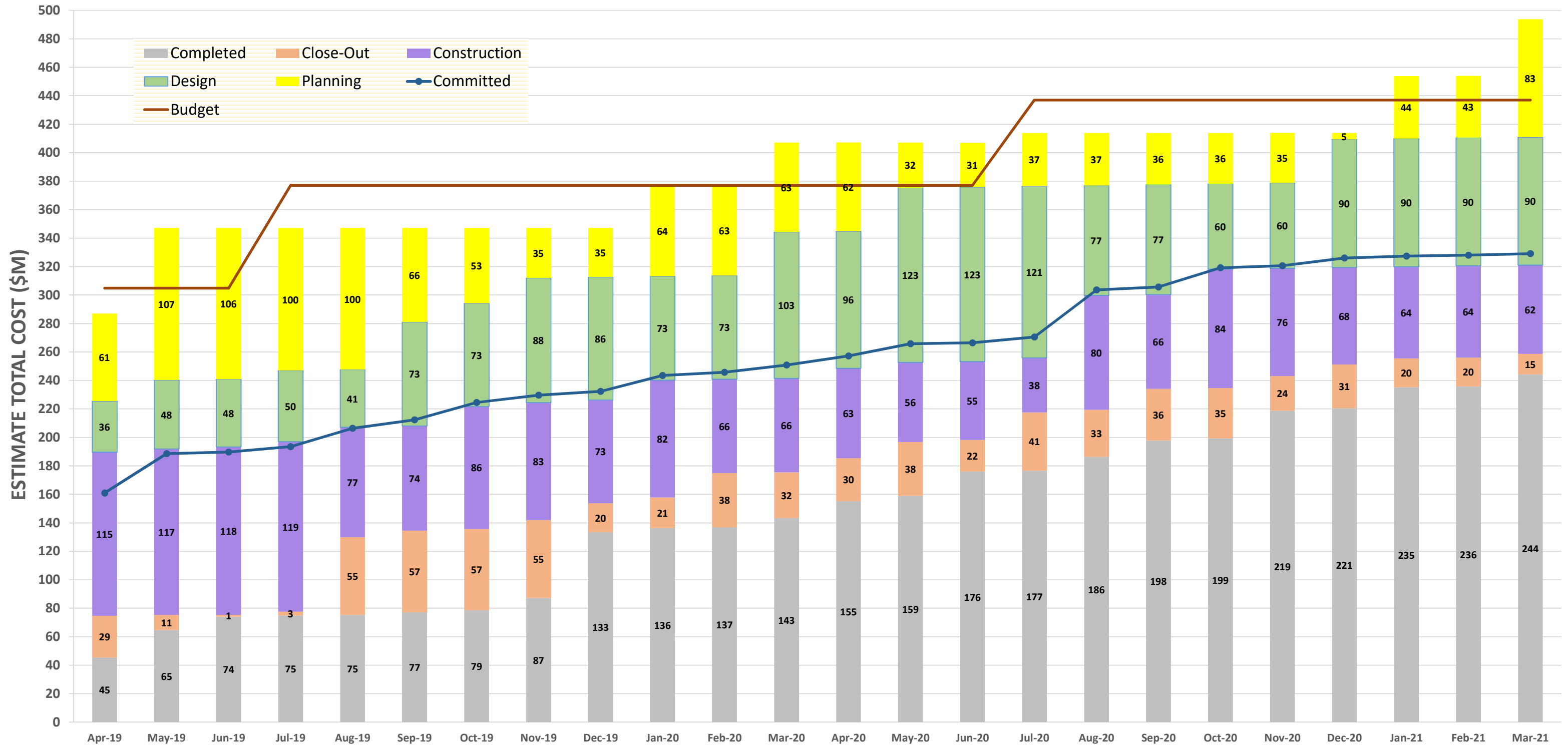
- Replacement of the campus intercom system
- Replacement of the gymnasium sound system

Safety and Security

- Fire alarm system replacement
- Security camera system replacement
- Security camera system expansion (alternate funding)

Capital Renewal Forecast

Reporting Period: Apr 2019 - Mar 2021



Capital Renewal Financial Summary
As of 5/7/19

Fund Balance

FY 19 Beginning Fund Balance 605,847,503

Revenues

Interest 15,326,220

Other 45,248

Transfer In from Sales Tax 30,703,450

Total Revenues 46,074,918

Expenditures

Capital Renewal Program 30,346,568

Total Expenditures 30,346,568

FY19 Current Fund Balance 621,575,854

Budget Balance

FY19 Adopted Budget 231,389,279

FY19 Pre Enc. 744,114

FY19 Encumbrances 56,890,015

FY19 Actuals 30,346,568

FY19 Available Budget 143,408,583

