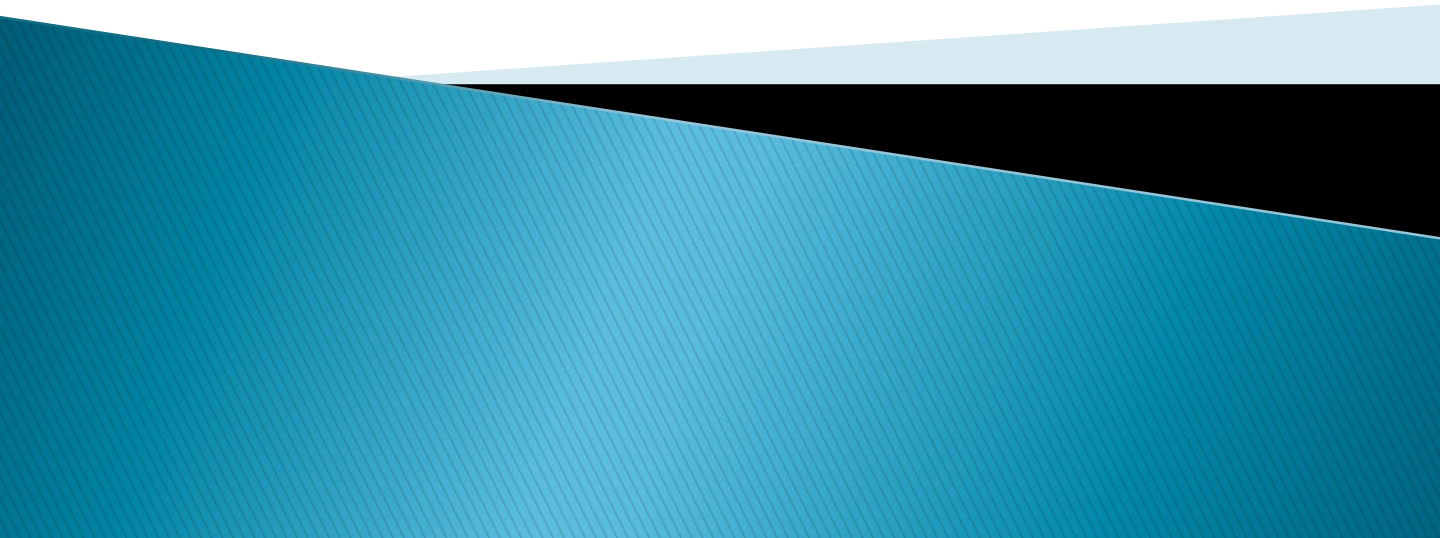




COVE Meeting

CITIZENS' CONSTRUCTION OVERSIGHT AND VALUE ENGINEERING

May 18, 2023



COVE

Meeting Agenda

May 18, 2023
8:00 a.m. – 10:00 a.m.

1. Call to Order and Approval of Meeting Minutes

- Chair Comments – Pat Knipe
- Approval of April 20, 2023 Meeting Minutes

2. Review Action Items

- Reconsider Capital Renewal Funding Formula
- Provide Overall Capital Program Needs
- Site 50-H-SE-2 Cost Escalation

3. Department Reports

- Capital Funding Update – Judith Padres
- Master Schedule Update – Basem Ghneim / Mark O'Connor
- Project Budget Update – Basem Ghneim / Mark O'Connor
- Project Status Report – Craig Jackson
- Change Order Report – Ed Ames / Basem Ghneim

4. Presentations / Discussion

- New Prototypes – Faz Ali
- Site 50-H-SE-2 Cost Escalation – Mark O'Connor
- Capital Program Needs – Basem Ghneim

5. Adjournment

- Next COVE meeting scheduled on Thursday, June 15, 2023

The Construction Oversight and Value Engineering Committee monthly meeting convened on Thursday, April 20, 2023 at 8:00 a.m., at the John T. Morris Facilities Complex, located at 6501 Magic Way, building 200, Orlando, Florida 32809, and virtually through Cisco WebEx.

ATTENDEES

COVE Members: Pat Knipe, Jacki Churchill, George Hack, Jeff Hart, Douglas Kelly and Sarah Taylor.

OCPS Team: Faz Ali, Ed Ames, Jim Bannon, Jad Brewer, Mary Lu Bronson, Selimar Colon, Doreen Concolino, Amy Envall, Mari Espinal, Craig Jackson, DeShawn Johnson, Lori Orr, Roberto Pacheco, Judith Padres, Tonya Page-Batson, Mark Shanoff, Chris Solomon, Catherine Sullivan, David Wheeler, Rocco Williams and Mike Winter.

Program Management Team: Mo Arthur, Basem Ghneim, Toni Greene, Krista McArthur, Mark O'Connor, Brian Smith and Bill Terry.

1. CALL TO ORDER

A quorum was established and Chairman Pat Knipe called the meeting to order at 8:00 a.m.

Chair Comments

Pat Knipe requested that the committee proceed directly to the Technology Update and Facility Condition Assessment presentations following the approval of last month's minutes and the review of action items. Information on site 50-H-SE-2 would be presented at next month's meeting.

Approval of Minutes from Last Meeting

The minutes from March 16, 2023 were presented and approved unanimously by the committee.

2. ACTION ITEMS

- a. Reconsider Capital Renewal funding formula
- b. Provide overall capital program requirements
- c. Review Site 50-H-SE-2 cost escalation

Review of Action Items from Previous Meeting

- a. Discuss use of sales tax funds to pay off debt financing

Judith Padres provided information on the requirements for use of sales tax proceeds to retire debt. The following information was noted during the subsequent discussion:

- Allowed by sales tax referendum language
- Bonds have a 10 year call provision, meaning we can't call the bonds for 10 years after issuing
- Due to the call provision, we are limited to retiring \$2M now, \$4M in 2025, but up to \$200M in 2026
- Bonds have a low interest rate between 2.5-3.5%
- Investments currently achieve **approx. 5%** return, so retiring debt early is not prudent at this time

➤ *Pat Knipe inquired on the amount of outstanding debt, and if the debt consisted of bonds or leases.*

Judith stated there is approximately \$1B outstanding on our Certificates of Participation (COP), which are technically leases.

➤ *Pat Knipe acknowledged that based on the current rate of return on safe investments it does not make sense to retire debt, but it was good to know that it is an option if things change.*

- b. Provide information on ownership of the former Delaney School
Jad Brewer advised that the District no longer owned the former Delaney Park School, which is currently being used as a senior center.
- c. Provide additional information on Site 50-H-SE-2 project costs
Discussion will be provided at next month's meeting.
- d. Provide a report on the Facility Condition Assessment refresh and future capital needs
Basem Ghneim of the Program Management team provided a presentation to the committee.
- e. Provide a technology requirements update
Dr. Mark Shanoff, Interim Chief Information Officer provided a presentation to the committee.

3. **DEPARTMENT REPORTS**

Capital Funding Update

Judith Padres provided the capital funding update, and highlighted the following from the report:

- Sales tax collections are higher than projected and trending toward \$360M this year which will be the highest ever
 - Total sales tax revenue now exceeds \$4.1B, with a capital fund balance of \$804M and capital renewal balance of \$684M
- *Pat Knipe noted this was a total of approximately \$1.5B.*

Judith highlighted the following regarding impact fees:

- Impact fees include two quarters from the County and eight months from the City of Orlando
- Based on collections, we are unlikely to reach the FY22 collection amount but are likely to exceed FY21 collections

Master Schedule Update

Basem Ghneim briefed the committee on the Master Schedule on page 21, and highlighted the following:

- There were no significant changes to the Master Schedule
- Site 97-E-SE-2 schedule is still to be determined (TBD) but we are working to finalize a location that will support opening in 2025
- Programming has restarted at Orange Technical College South Campus

Project Budget Update

Mark O' Connor reviewed the capital project reports on pages 24-28, and noted the following:

- Budget amendment for site 50-H-SE-2 is \$39.4M
 - There are a few budget changes to capital renewal based on the GMPs received
- *Doug Kelly questioned if there were scope changes contributing to the capital renewal budget revisions.*

Mark stated there were minor changes and the bulk was cost escalation with mechanical projects experiencing the highest escalation.

- *Jeff Hart noted that we have almost \$2B of capital renewal requirements in an environment of limited resources so we need to look at how to attract additional contractor resources.*

Mark then reviewed the closeout report and stated we hope to have all but Jones HS off the report by the next meeting. Basem added that Panther Lake ES will likely be added, but noted that the traffic signal that has been delaying completion is operational.

Basem reviewed the capital renewal forecast on page 30, and mentioned that the District was projecting in June 2024, projects in construction would total \$307M.

Project Status Report

Craig Jackson reviewed the capital and comprehensive needs projects currently under construction, and stated that once again that there currently are no projects in closeout.

- *Jeff Hart reiterated the progress on Orange Technical College West Campus does not support a February 2024 completion.*

Basem stated there is currently an in-house extension which is under review and will push the completion date to March.

- *Jeff Hart concluded this was still aggressive.*

Craig concluded his report with a summary of active capital renewal projects.

Change Order Report

Ed Ames reported the data for the month of March 2023 and stated there were no significant change orders for the reporting period. He clarified for newer members that a significant change was anything over \$200,000.

- *On page 50, item 1, Jeff Hart inquired on the reason for change at site 47-E-W-4 for \$10,402.47.*

Basem Ghneim explained this was to put together an early GMP package.

- *Jeff Hart questioned item 5, asking if the City of Ocoee was reimbursing the District for the design of the new road roundabout for the northern main entrance to the campus at Site 73/ OTC West.*

Jad Brewer stated he recently received a payment of \$21,000, and noted that the City of Ocoee will also cover the construction cost.

- *For item 3, Doug Kelly made an inquiry on the construction material testing at Oak Ridge HS.*

Basem Ghneim explained that the District is installing piles during the coming summer and this item authorized the third-party observation of the work.

- *On page 51, item 7, Jeff Hart asked why the estimated construction cost was listed with the modification of the design contract.*

Mark O'Connor stated the \$83,753 credit resulted from a reduction in the scope of work, and was not related to the construction cost listed in the reason for change. Basem confirmed the information was not relevant.

Ed directed attention to the RFQs in Progress listed on page 54:

- *Jeff Hart commented on the \$34.5M cost for the NorthLake Park comprehensive renovation, and asked whether replacement in lieu of renovation was warranted considering 50-year life cycle costs.*

Basem Ghneim noted that NorthLake Park is a bigger elementary school that includes a gymnasium and other facilities in conjunction with a YMCA partnership. Basem acknowledged that with the planned investment we would expect to exceed 50 years of building life.

4. PRESENTATIONS

Technology Update

Mark Shanoff provided an update on District technology strategy and funding requirements.

Mark noted the following regarding the District's approach:

- The District maintains two data centers (primary local, backup in Atlanta), both of which we are currently updating
- We currently operate with a hybrid server structure (part cloud, part physical)

➤ *Doug Kelly asked what the long range plan was to move to the cloud.*

Mark stated that the plan was to gradually move to cloud based over a 5-10 year period.

➤ *Doug Kelly questioned why it would be so long, as most of private industry is moving faster.*

Mark answered that specific data storage requirements and the use of legacy software contributed to the extended timeline.

Mark noted several additional highlights of the District's approach:

- District is currently upgrading school networks including servers, switches, routers
- Upgrade is implementing Meraki technology, which is faster, more reliable, and provides easier remote access for troubleshooting and assistance
- 80% of upgrade cost is reimbursed through E-Rate
- OCPS is significantly ahead of other Districts in one-to-one student devices
- District uses laptops instead of Chromebooks which provides greater flexibility and capability
- Last summer the District issued 114,000 new devices for middle and high school students

➤ *Pat Knipe asked if this was paid from sales tax.*

Judith stated initial acquisition was funded with sales tax funds, and the refresh is funded from other sources.

➤ *Pat Knipe asked if we could replace with sales tax funds.*

Judith stated she believes the referendum limits the use of sales tax funds to initial acquisition, but would confirm.

➤ *Pat Knipe inquired about infrastructure costs.*

Judith confirmed that initial infrastructure was funded using sales tax funds, with the 1.5 mil property tax used for replacements/upgrades.

➤ *Doug Kelly asked about funding for servers.*

Judith stated they are funded with the 1.5 mil property tax.

➤ *Pat Knipe questioned if we are impacted by budget considerations.*

Mark Shanoff replied that the District benefits from E-Rate and the Emergency Connectivity Fund so technology is adequately resourced.

Mark noted the following regarding student devices:

- The District experiences significant increase in repair costs during the fifth year of ownership
- We want devices in hands of students to be under warranty

- The District is Dell's largest customer
- The District is also one of Apple's largest customers resulting from the purchase of 35,000 iPads for K-1

➤ *Pat Knipe asked about establishment of a repair shop.*

Mark Shanoff stated we contract repairs to UDT, who handles both configuration and repairs. He also highlighted the following:

- The District has established a fee structure for reimbursement for the cost of repairs
- We significantly reduce repairs by providing cases

Mark continued by noting that future capital expenditures include E-Rate eligible items which initially require the full amount of funding, with 80% of the cost reimbursed.

➤ *Jeff Hart questioned when the Meraki switches require replacement?*

Mark Shanoff replied we expect a life span of 10 years with the Meraki technology.

Mark concluded his prepared remarks by noting that we are currently comparing four and five-year refresh options of student devices. He noted the following:

- Current annual repair cost for devices out of warranty is approximately \$4M versus \$120K for in-warranty devices
- A four-year refresh cycle provides the possibility of a rebate on returned devices
- The four-year cycle would also allow assignment of devices to a student for all four years of high school

➤ *Jacki Churchill requested the price per student.*

Mark Shanoff stated an iPad costs \$400 and a laptop \$518 which includes delivery and imaging costs.

➤ *Doug Kelly asked whether this included software costs.*

Mark Shanoff stated this does not include software costs.

➤ *Pat Knipe mentioned we were doing a good job finding other funding sources.*

➤ *Jacki Churchill asked if the new schools' devices were paid from the funding source for the school.*

Judith acknowledged that this was correct.

➤ *Doug Kelly asked who pays for home access when needed.*

Mark Shanoff answered that we provide the home access. Judith added that access points are funded from the operating budget.

➤ *Jeff Hart questioned how this impacts the next sales tax referendum.*

Mark Shanoff replied there is a continuing need, so we will need to consider the referendum language.

➤ *Jeff Hart inquired whether the infrastructure was part of the Facilities Condition Assessment (FCA).*

Basem Ghneim confirmed there is a technology piece in the FCA.

➤ *Jeff Hart commented that Technology is on top of other capital requirements, further supporting extension of the sales tax.*

➤ *Pat Knipe requested to have an annual update on Technology and thanked Dr. Shanoff for the presentation.*

Facility Condition Assessment (FCA)

Basem Ghneim acknowledged Bill Terry as the leader of the District's effort to implement and maintain an FCA since the initiation in 2013 and highlighted the following regarding the District's assets:

- 210 educational facilities plus 20 ancillary facilities totaling 35.7M sf of space
- Replacement cost over \$10B
- Facilities designed for 50 year life

Bill Terry added the following highlights of our approach:

- FCA proactive versus reactive
- Dynamic, not static – data continually refreshed
- Cloud-based
- No annual maintenance cost

➤ *Pat Knipe asked whether the 2.4% capital renewal funding formula was still adequate.*

Bill noted that the formula might be worth revisiting since it doesn't account for renovation of schools that existed prior to the implementation of the formula.

➤ *Pat Knipe asked if the adequacy of the formula has been studied.*

Bill answered that industry standards exist that supports an alternate approach, and the sales tax renewal provides an opportunity to reset.

➤ *Pat Knipe questioned whether we use input from others.*

Bill stated we consult with the Council of Great City Schools of which we are member, and also consider other resources.

➤ *Jeff Hart noted that we haven't accounted for the Group 3 schools but comprehensive renovations might offset CR requirement.*

Bill Terry continued, noting the following:

- Historically, District implemented projects in priorities 1 – 3
- Currently also doing limited, critical priority 4 and 5 items
- \$1.84B need
- Cost model based on RS Means
- Escalation is significant factor impacting the total cost

➤ *Pat Knipe suggested this would be a significant reason to review the 2.4%.*

Basem Ghneim stated that a study would be required to insure the revenue and the needs aligned.

➤ *Jeff Hart asked if Capital investments would generate sufficient revenue.*

Basem stated it would need analysis.

➤ *Jeff Hart questioned what level of escalation is included.*

Mark O'Connor said it varies from 20% for next year, 4.5% to 2028, and 3.5% after.

➤ *Jeff Hart mentioned he would be interested in comparing system replacement costs five years back compared to today.*

Bill Terry stated Legacy costs in the assessment were based on 2018 costs, and noted that these have been escalated 54%.

➤ *Sarah Taylor questioned if the database tracks if you are replacing items sooner than anticipated.*

Bill replied that yes, information is tracked and we adjust when we see trends.

➤ *Pat Knipe inquired whether or not anyone reviews the data collection and analysis effort.*

Bill said we work with Maintenance to validate the timing of the need.

➤ *Jeff Hart asked if we consider our actual cost data in addition to RS Means.*

Mark O'Connor responded that yes, we have adjusted for the OCPS experience.

➤ *Pat Knipe requested if we have the answers sufficient to support the sales tax renewal.*

Basem indicated the next step is to assess the revenue stream and plan from there.

➤ *Pat Knipe called for a follow-up in a few months.*

➤ *Jeff Hart asked where we stand with overall capital needs.*

Judith Padres answered that it is being worked on.

Basem added that they could provide overall Capital Need not later than sometime in June.

5. DISCUSSION / ADJOURNMENT

Chairman Pat Knipe thanked everyone for participating in today's meeting, and commented on the importance of the presentations and how they were very much appreciated and needed. He then stated the next meeting was scheduled for May 18, 2023.

The meeting was adjourned at 10:05 a.m.

Minutes Authenticated by:

Pat Knipe
Chairperson, COVE Committee

Date of approval

Jad Brewer
Legal Services, Facilities

Date of approval

Attachments:


Technology Update

Facility Condition Assessment



Information Technology Services (ITS)


April 20th, 2023

Current Infrastructure Capital Expenditures

Nutanix datacenter infrastructure upgrade - In September 2022, we spent \$6 million for a complete overhaul of the datacenter equipment (servers, storage, backup, restore, disaster recovery). This is a 5 year proposal. It helps us to eliminate some of our annual licensing and support costs. We will save approximately \$1.7 million from our 320 budget per year for the next 5 years.

Meraki upgrades - We are upgrading 14 of our schools this year. We spent \$8.5 million for network equipment upgrades (including core switches, network switches, wireless access points, and updated wiring). This enabled OCPS to have today's standard networking bandwidth speeds. Eighty percent of this cost will be reimbursable through E-RATE.



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Current Infrastructure Capital Expenditures

- From July 1st, 2022 the following has been expended:
 - Data Center - \$261,292 (CoreSite Orlando and CoreSite Atlanta)
 - Hardware - \$6,731,981
 - RBELC Technology Refresh - \$304,538
 - Network Electronics - \$437,444
 - Nutanix Upgrade - \$5,989,999

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Current Device Management Capital Encumbrance

- This summer we will embark on replacing student devices at Elementary, K through 8, Alternative Education & ESE school sites
- A total of 69,632 devices will be deployed at a cost of \$37,112,463.36.
 - \$27M is reimbursable through ECF
 - The balance is Capital

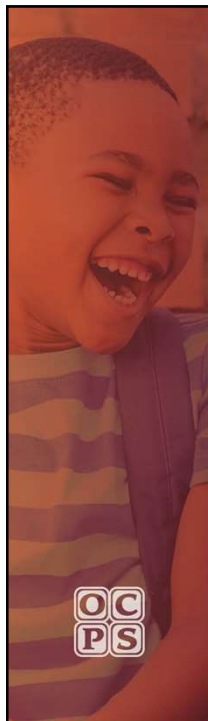
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Future Capital Expenditures – Infrastructure Components

	FY24	FY25	FY26	FY27	FY28
Meraki Upgrade	\$ 8,304,415	\$ 8,500,000	\$ 8,500,000	\$ 8,500,000	\$ 8,500,000
Infrastructure Break/Fix (Standard & Emergency Repair)	\$ 353,000	\$ 353,000	\$ 353,000	\$ 353,000	\$ 353,000
eRate eligible network switches, routers, wireless access points and battery backup.	\$ 8,304,415	\$ 8,553,547	\$ 8,810,154	\$ 9,074,458	\$ 9,346,692
Non-eRate installations costs, vendor labor, copper/fiber patch cords, delivery charges, new cable drops, fiber upgrades/reinstalls	\$ 970,100	\$ 999,203	\$ 1,029,179	\$ 1,060,054	\$ 1,091,856
Non-eRate eligible network switches, routers, wireless access points and battery backup.	\$ 200,000	\$ 210,000	\$ 220,500	\$ 231,525	\$ 243,101
Network switches, routers and battery backup	\$ 255,000	\$ 267,750	\$ 281,137	\$ 295,194	\$ 309,954
Total	\$ 18,386,930	\$ 18,883,500	\$ 19,193,970	\$ 19,514,231	\$ 19,844,603

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Future Capital Expenditures – Student Devices

- Our hybrid environment of student devices leverages both iOS and Windows OS based systems
 - 33,000 iPads (Grades K through 1st)
 - 167,000 laptops (Grades 2nd – 12th)
- Our refresh model is currently being reviewed and will either focus on a 4 Year (25% refresh) or 5 Year (20% refresh)

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Future Capital Expenditures – Student Devices – 4 Year Refresh

	FY24	FY25	FY26	FY27
Apple iPads (Student)	-	\$ 4,866,585	\$ 5,012,582	\$ 5,162,960
Apple iPads (Student Growth)	-	\$ 163,333	\$ 168,233	\$ 173,280
Windows Laptops (Student)	\$ 28,644,760	\$ 29,504,103	\$ 30,389,226	\$ 31,300,903
Windows Laptops (Student Growth)	-	\$ 1,206,775	\$ 1,242,978	\$ 1,280,268
Total	\$ 28,644,760	\$ 35,740,796	\$ 36,813,019	\$ 37,917,411



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Future Capital Expenditures – Student Devices – 5 Year Refresh

	FY24	FY25	FY26	FY27	FY28
Apple iPads (Student)	-	\$ 3,893,268	\$ 4,010,066	\$ 4,130,368	\$ 4,254,279
Apple iPads (Student Growth)	-	\$ 163,333	\$ 168,233	\$ 173,280	\$ 178,478
Windows Laptops (Student)	\$ 17,821,386	\$ 18,675,899	\$ 19,236,176	\$ 19,813,261	\$ 20,407,659
Windows Laptops (Student Growth)	-	-	-	-	-
Total	\$ 17,821,386	\$ 22,732,500	\$ 23,414,475	\$ 24,116,909	\$ 24,840,416



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Benefit of 4 year vs. 5 year refresh

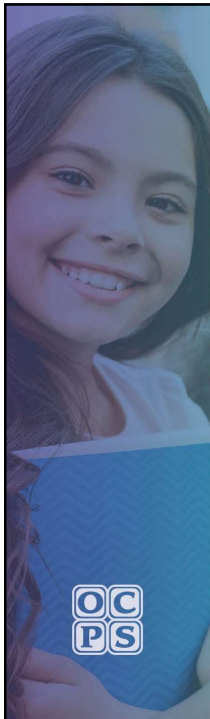
- *Resale market after 4 years vs. 5 years
- *Warranty covered repairs are component-specific
- *Device will follow student for 4 years of high school
- *Fee reductions



Facilities Condition Assessment

COVE Update

April 20, 2023



Agenda

- Facilities Condition Assessment
- Capital Renewal Program
- Prioritizing Renewal Needs
- Capital Renewal Needs (FY2024 – FY2033)

Facilities Condition Assessment (FCA) Database



- Assessment of site & buildings
- Over 700 subsystems assessed
- Uses expected life of system components to forecast needs
- Industry standard expected life customized to OCPS experience
- Basis of Forecasting Future Capital Renewal Needs
- Continually updated, refreshed every five years



3

FCA Database History

- 2013 Original FCA Roll-Out
 - District-Wide Facilities Condition Assessment
 - Identified Existing and Forecasted Capital needs
 - Foundation for Capital Renewal Program
 - Recommended Data Refresh every 5-years
- 2018 Refresh
 - Updated cost models to 2018 baseline
 - Added detail to Life Cycle models
 - Field Assessments (55 campuses)
- 2023 Refresh

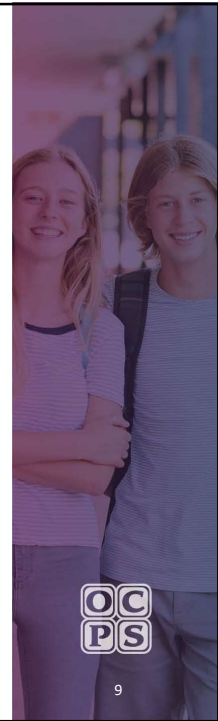


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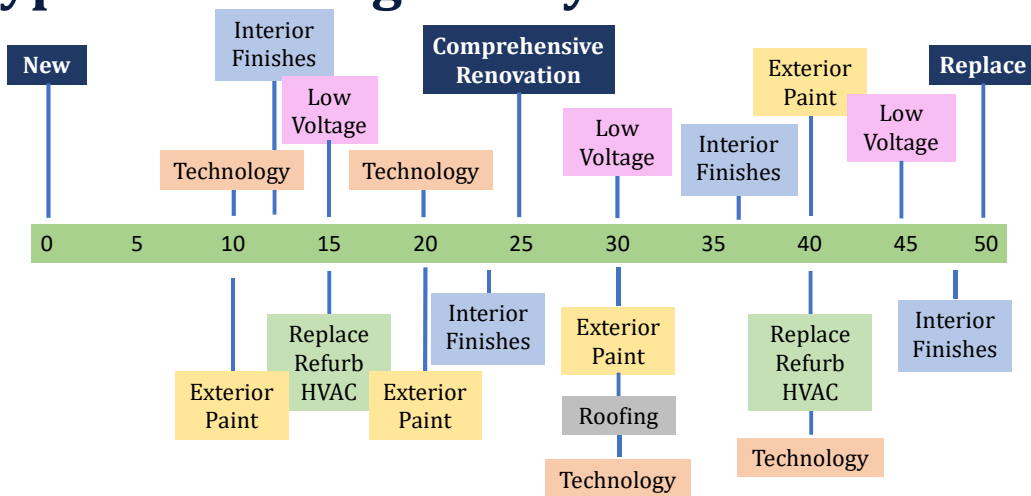
Capital Renewal Program



- Preserves the efficient operation of school facilities
- Renewal Fund (2.4% of cumulative capital expenditures)
- Needs based on Facilities Condition Assessment
- Focused Renewal of Select Systems and Sub-Systems



Typical Building Life Cycle



Project Elements

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



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Capital Renewal Priorities

- Priority 1 Life Safety, Roofing, Air Conditioning, Security
- Priority 2 Exterior Doors/Windows, Elevators, Plumbing, Electrical Power, Technology, Perimeter Fencing/Gates, Interior Lighting
- Priority 3 Interior Partitions/Doors/Windows, Ceilings, Exterior Lighting, Exterior Finishes, Voice Communications, Paving (Roads, Walks, Parking)
- Priority 4 Interior Specialties, Playground Equipment
- Priority 5 Interior Finishes, Landscaping/Irrigation, Athletic Facilities (Bleacher, Artificial Turf)



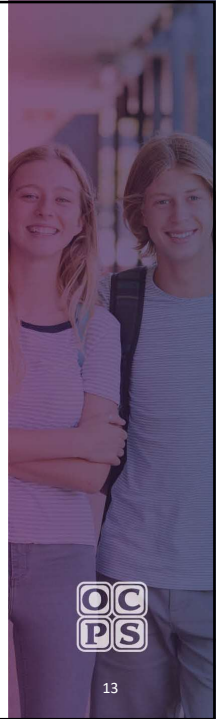
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Capital Needs Forecast

• Active projects	\$390 M
• Pre-planning projects	\$340 M
• Forecast through FY2033	<u>\$1.110 B</u>
Total	\$1.840 B

- Discussion

- Revenue break even point
- Sales Tax Extension
- Prioritize if needed



CAPITAL FUNDING UPDATE

**FY2023 Sales Tax Forecast Compared To Collections
For Collections Received For The Period June 1, 2022 - May 31, 2023**

	Fiscal Year 2018 Actual Collections	Fiscal Year 2019 Actual Collections	Fiscal Year 2020 Actual Collections	Fiscal Year 2021 Actual Collections	Fiscal Year 2022 Actual Collections	Fiscal Year 2023 Projected Collections	Fiscal Year 2023 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	19,973,576	21,813,615	22,925,741	13,108,514	23,848,325	22,916,552	28,818,745	8/24/2022	5,902,193	25.76%	5,902,193	25.76%	4,970,420	20.84%	4,970,420	20.84%
July	18,849,682	20,771,709	21,966,783	13,655,914	23,820,627	22,748,453	26,552,569	9/26/2022	3,804,116	16.72%	9,706,309	21.26%	2,731,943	11.47%	7,702,363	16.16%
August	18,266,458	19,375,685	20,607,144	13,689,148	20,150,373	20,836,274	25,312,864	10/27/2022	4,476,590	21.48%	14,182,899	21.33%	5,162,491	25.62%	12,864,854	18.97%
Quarter - Distribution	2,915,074	3,260,952	3,338,214	4,014,607	5,620,309	4,964,706	7,333,106	11/7/2022	2,368,400	47.70%	16,551,298	23.16%	1,712,797	30.48%	14,577,650	19.85%
Quarter - Total	60,004,790	65,221,961	68,837,881	44,468,184	73,439,633	71,465,985	88,017,283				16,551,298	23.16%			14,577,650	19.85%
September	17,945,849	20,029,499	20,695,054	15,713,676	21,896,095	22,312,759	25,711,154	11/28/2022	3,398,395	15.23%	19,949,694	21.27%	3,815,060	17.42%	18,392,710	19.29%
October	19,857,149	21,176,213	22,650,187	15,709,696	23,905,773	23,828,535	27,564,584	12/23/2022	3,736,049	15.68%	23,685,743	20.14%	3,658,812	15.31%	22,051,522	18.49%
November	21,069,314	21,848,770	23,121,776	16,337,370	25,794,011	24,971,827	27,841,619	1/27/2023	2,869,792	11.49%	26,555,535	18.63%	2,047,608	7.94%	24,099,129	16.62%
Quarter - Distribution	3,172,630	3,646,732	3,532,907	4,523,961	7,274,990	5,867,371	7,902,837	2/3/2023	2,035,466	34.69%	28,591,000	19.26%	627,846	8.63%	24,726,976	16.23%
Quarter - Total	62,044,943	66,701,214	69,999,923	52,284,704	78,870,869	76,980,492	89,020,194				28,591,000	19.26%			24,726,976	16.23%
First 1/2 Year Total	122,049,733	131,923,175	138,837,805	96,752,888	152,310,502	148,446,477	177,037,477				28,591,000	19.26%			24,726,976	16.23%
December	22,917,543	23,379,047	25,393,825	17,165,676	28,708,776	27,273,762	32,031,954	2/27/2023	4,758,192	17.45%	33,349,192	18.98%	3,323,178	11.58%	28,050,154	15.50%
January	20,407,250	21,073,611	23,118,851	15,817,302	23,523,330	23,902,711	27,182,532	3/28/2023	3,279,821	13.72%	36,629,013	18.35%	3,659,202	15.56%	31,709,355	15.50%
February	20,510,584	21,507,567	21,922,091	17,365,549	25,504,014	24,795,213	27,632,509	4/26/2023	2,837,296	11.44%	39,466,309	17.59%	2,128,496	8.35%	33,837,851	14.71%
Quarter - Distribution	3,421,591	3,452,049	4,004,206	4,909,457	8,256,308	6,570,802	6,570,802		0	0.00%	-	0.00%	0	0.00%	-	0.00%
Quarter - Total	67,256,969	69,412,273	74,438,972	55,257,984	85,992,429	82,542,488	86,846,995				-	0.00%			-	0.00%
3/4 Year Total	189,306,702	201,335,448	213,276,777	152,010,872	238,302,930	230,988,965	263,884,472				-	0.00%			-	0.00%
March	24,249,253	25,501,978	16,298,832	23,660,893	31,317,507	27,277,189	-		0	0.00%	-	0.00%	0	0.00%	-	0.00%
April	21,040,914	22,737,566	9,524,264	21,512,382	28,431,166	22,757,824	-		0	0.00%	-	0.00%	0	0.00%	-	0.00%
May	19,768,693	21,730,575	11,135,296	21,709,815	27,010,484	22,906,226	-		0	0.00%	-	0.00%	0	0.00%	-	0.00%
Quarter - Distribution	3,283,687	3,151,332	3,730,011	4,753,904	7,350,019	6,059,511	-		0	0.00%	-	0.00%	0	0.00%	-	0.00%
Quarter - Total	68,342,546	73,121,451	40,688,403	71,636,994	94,109,175	79,000,750	-				-	0.00%			-	0.00%
Second 1/2 Year Total	135,599,515	142,533,724	115,127,375	126,894,978	180,101,604	161,543,238	86,846,995				-	0.00%			-	0.00%
Annual Total	257,649,248	274,456,899	253,965,180	223,647,866	332,412,105	309,989,715	263,884,472				-	0.00%			-	0.00%

Orange County Public Schools Sales Tax Collection History

Fiscal Year	Amount
2003	48,842,740
2004	138,701,456
2005	149,353,778
2006	166,421,562
2007	170,597,436
2008	166,190,269
2009	154,176,278
2010	150,843,957
2011	163,594,345
2012	170,826,444
2013	181,301,579
2014	191,770,163
2015	209,540,613
2016	224,024,409
2017	233,873,477
2018	257,649,248
2019	274,456,899
2020	253,965,180
2021	223,647,866
2022	332,412,105
2023	263,884,472 *
Total	4,126,074,275

* Amount collected thru February 2023

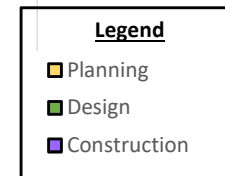
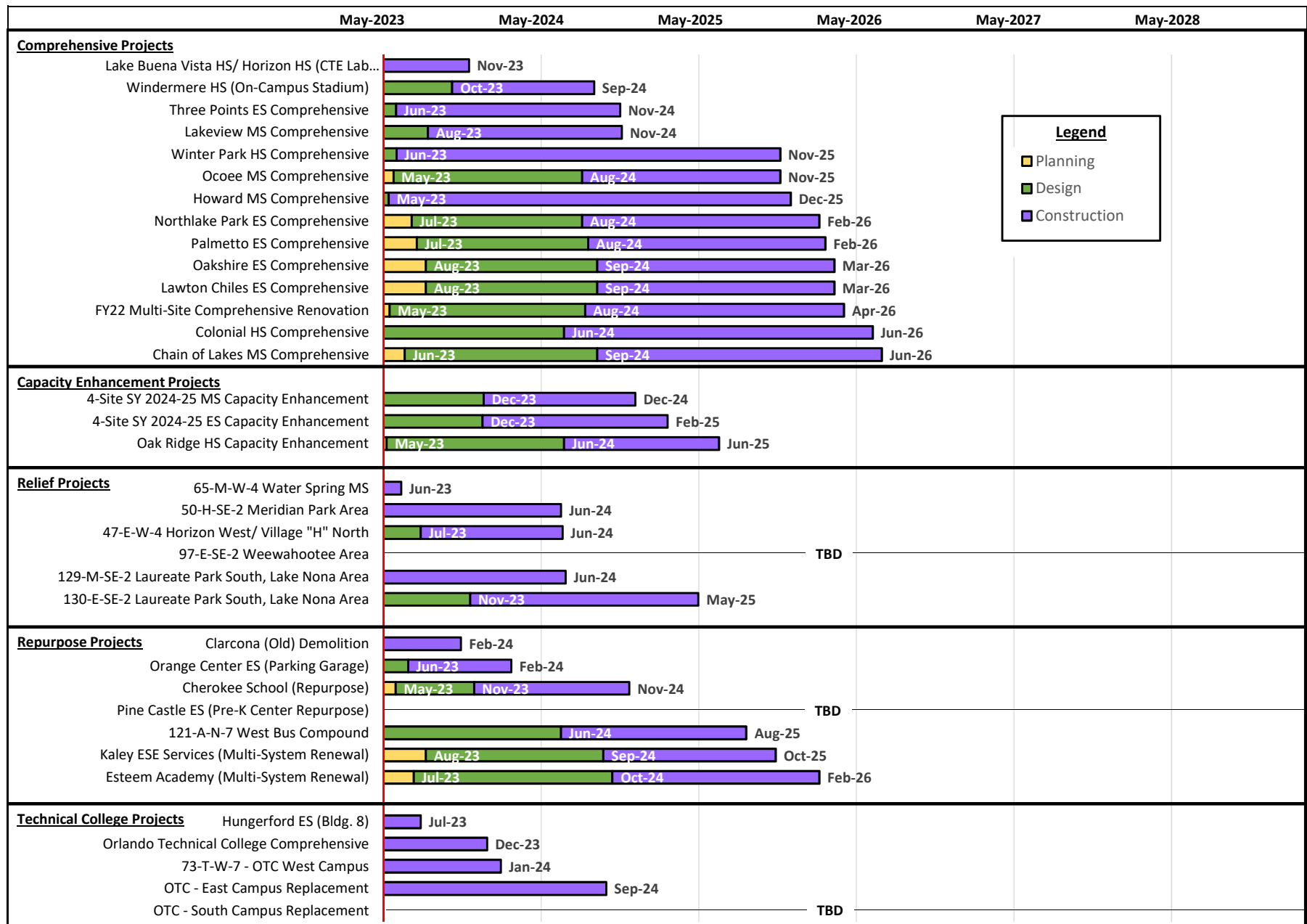
Impact Fees Collections

	FY19	FY20	FY21	FY22	FY23
July	(1,356,434)	(791,922)	(15,459)	(1,326,589)	0
August	1,544,905	1,642,692	3,021,080	2,198,714	651,853
September	4,802,716	6,418,111	4,902,480	282,676	1,211,965
October	12,782,279	5,018,829	11,324,673	15,541,805	18,406,599
November	764,538	11,783,397	744,321	3,824,286	626,571
December	544,774	531,273	1,049,444	2,896,867	18,822
January	14,550,401	1,435,048	56,625	14,137,661	16,638,979
February	3,319,118	11,250,567	3,010,120	3,056,570	645,056
March	929,755	1,613,436	3,125,497	2,347,260	2,677,874
April	11,439,392	10,735,683	6,887,734	4,786,133	3,909,942
May	674,261	2,027,236	5,720,199	16,810,116	66,346
June	14,645,906	14,200,335	21,268,703	26,769,895	
Total	64,641,613	65,864,685	61,095,416	91,325,395	44,854,007

As of 5-4-23

MASTER SCHEDULE UPDATE

Capital Program Schedule Summary



Capital Program Schedule Summary

Variance Report

Project	Substantial Completion	Explanations
Three Points ES Comprehensive	(14.3) Wks	delay during the GMP development phase
Lakeview MS Comprehensive	(7.0) Wks	delay during the design development phase
Howard MS Comprehensive	(1.4) Wks	delay during the GMP development phase
FY22 Multi-Site Comprehensive Renovation	(11.0) Wks	delayed in planning phase relating to scope development
4-Site SY 2024-25 MS Capacity Enhancement	(8.6) Wks	delayed during design development in order to incorporate revisions
4-Site SY 2024-25 ES Capacity Enhancement	(17.3) Wks	delayed during design development in order to incorporate revisions
Oak Ridge HS Capacity Enhancement	(8.0) Wks	lengthier planning phase

Notes:

1. A negative variance indicates that the milestone is scheduled for a later date.

PROJECT BUDGET UPDATE



**PROJECT STATUS SUMMARY REPORT
NEW AND REPLACEMENT SCHOOLS
May 18, 2023**

Funding Source(s)	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
			FY 2023 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)					
			Budget					Schedule					Contracting					
PLANNING PHASE																		
		Sub Total	-	-	-	-	-											
DESIGN PHASE																		
Impact	New	Site 47-E-W-4	38,695,000	6,300,000	44,995,000	44,995,000	-										Welbro	Schenkel
ST, Impact	New	Site 97-E-SE-2	38,695,000	-	38,695,000	44,995,000	(6,300,000)										Welbro	Schenkel
CIT	New	Site 121-A-W-7 (West Bus Compound)	36,004,000	-	36,004,000	36,004,000	-										Pirtle	Spiezle
Impact	New	Site 130-E-SE-2	41,124,000	-	41,124,000	41,124,000	-										TBD	Schenkel
Sales Tax	135	Site 512-T-E-1 (OTC East Campus)	63,994,000	-	63,994,000	63,994,000	-										CPPI	DLR Group
		Sub Total	218,512,000	6,300,000	224,812,000	231,112,000	(6,300,000)											
CONSTRUCTION PHASE																		
Sales Tax	New	Hungerford ES (renov Bldg 8)	6,720,000	-	6,720,000	6,720,000	-	3,836,726	-	(631,727)	1	11/11/2022	7/28/2023			GMP	Johnson Laux	Schenkel
ST, Impact, CIT	New	Site 50-H-SE-2	230,000,000	-	230,000,000	230,000,000	-	198,036,960	182,484	(33,140,287)	5	8/29/2022	6/17/2024			GMP	CORE	Zyscovich
Sales Tax	134	Site 73-T-W-7 (OTC West Campus)	64,805,000	-	64,805,000	64,805,000	-	48,931,894	-	(12,235,000)	2	8/26/2022	1/31/2024			GMP	Wharton	DLR Group
CIT	New	Site 129-M-SE-2	62,697,000	16,700,000	79,397,000	79,397,000	-	68,597,308	-	(6,168,933)	1	2/23/2023	6/28/2024			GMP	Walker	Schenkel
Impact	New	Water Spring MS (Site 65-M-W-4)	50,480,000	-	50,480,000	50,480,000	-	42,828,832	-	(13,209,846)	3	11/15/2021	6/13/2023			GMP	CORE	Harvard Jolly
		Sub Total	414,702,000	16,700,000	431,402,000	431,402,000	-	362,231,721	182,484	(65,385,793)	12							
CLOSE OUT PHASE																		
CIT	New	Panther Lake ES (Site 114-E-W-4)	27,760,000	-	27,760,000	27,760,000	-	23,414,093	76,691	(7,141,823)	3	6/29/2021	4/20/2023	28		GMP	Williams	BRPH
		Sub Total	27,760,000	-	27,760,000	27,760,000	-	23,414,093	76,691	(7,141,823)	3							
Grand Total			660,974,000	23,000,000	683,974,000	690,274,000	-	385,645,814	259,175	(72,527,616)	15							

Footnotes

- F1 - Reflects amount from the 10yr Capital Budget dated September 13, 2022.
- F2 - Reflects changes to the FY 2023 adopted budget.
- F3 - Amount comprised of prior year expenditures, current and future planned funding (Adopted Summary Budget FY 2023). 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.

Other

Hungerford ES: Building 8 renovation not completed previously.

Completion Delays

None

Projects Closed Since Last Report

None

Final Budget Variance

Final ODP %

Close Out Delays

None

Funding Source	Priority #	School Name	Explanation of Adopted Budget Changes
DESIGN PHASE			
Impact	New	Site 47-E-W-4	Estimate updated per current market conditions.
CONSTRUCTION PHASE			
CIT	New	Site 129-M-SE-2	Estimate updated per GMP accounting for current market conditions.



PROJECT STATUS SUMMARY REPORT

COMPREHENSIVE SCHOOLS

May 18, 2023

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		
			FY 2023 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)							
Budget									Amount		#		Deducts		#		Schedule		Contracting	
PLANNING PHASE																				
Sales Tax		Chain of Lakes MS	38,920,200	-	38,920,200	38,920,200	-													
CIT, Sales Tax		Cherokee School (Repurpose)	24,960,000	-	24,960,000	24,960,000	-													
CIT		Clarcona (Old) Demolition	-	1,277,000	1,277,000	1,277,000	-													
CIT		Esteem Academy (Repurpose)	30,203,000	-	30,203,000	30,203,000	-													
Sales Tax		FY22 Multi-Site Comprehensive Reno	96,624,000	-	96,624,000	96,624,000	-													
CIT		Kaley ESE Services (Repurpose)	16,832,000	-	16,832,000	16,832,000	-													
Sales Tax		Lawton Chiles ES	24,672,900	-	24,672,900	24,672,900	-													
Sales Tax		Northlake Park ES	36,555,900	-	36,555,900	36,555,900	-													
Sales Tax		Oak Ridge HS Functional Equity	15,221,000	-	15,221,000	15,221,000	-													
Sales Tax		Oakshire ES	24,812,400	-	24,812,400	24,812,400	-													
Sales Tax		Ocoee MS	40,557,000	-	40,557,000	40,557,000	-													
Sales Tax		Palmetto ES	32,393,400	-	32,393,400	32,393,400	-													
		Sub Total	381,751,800	1,277,000	383,028,800	383,028,800	-													
DESIGN PHASE																				
Sales Tax		SY 2024-25 MS Functional Equity	42,700,000	-	42,700,000	42,700,000	-											Thorton	Little	
Sales Tax		SY 2024-25 ES Functional Equity	31,000,000	-	31,000,000	31,000,000	-											McCree	C.T. Hsu	
Sales Tax		Colonial HS	96,419,000	-	96,419,000	96,419,000	-											Wharton	Schenkel	
Sales Tax		Howard MS	55,063,000	-	55,063,000	55,063,000	-											Lego	Rhodes + Brito	
Sales Tax		Lakeview MS	44,809,000	-	44,809,000	44,809,000	-											Wharton	Song + Assoc.	
Sales Tax	133	OTC South Campus	82,600,000	-	82,600,000	82,600,000	-											Williams	Harvard Jolly	
Sales Tax		Three Points ES	21,974,000	-	21,974,000	21,974,000	-											OHL	C.T. Hsu	
CIT		Orange Center ES (Parking Garage)	7,400,000	-	7,400,000	7,400,000	-											McCree	Baker Barrios	
CIT		Pine Castle ES (Repurpose)	14,709,000	-	14,709,000	14,709,000	-											Williams	BRPH	
Sales Tax		Windermere HS (On-Campus Stadium)	-	6,800,000	6,800,000	6,800,000	-											Wharton	Schenkel	
Sales Tax		Winter Park HS	89,722,000	-	89,722,000	89,722,000	-											CPPI	C.T. Hsu	
		Sub Total	486,396,000	6,800,000	493,196,000	493,196,000	-													
CONSTRUCTION PHASE																				
Sales Tax	136	Orange Technical College	47,020,000	-	47,020,000	47,020,000	-	35,352,358	167,047	2	(5,932,626)	1	3/24/2022	12/11/2023			GMP	Gilbane	Harvard Jolly	
Sales Tax		Lake Buena Vista HS/ Horizon HS (CTE Lab Conversions & Misc.)	-	3,476,000	3,476,000	3,476,000	-	1,236,791	-	-	-	-	3/16/2023	11/17/2023			GMP	Wharton	Schenkel	
		Sub Total	100,992,000	53,972,000	50,496,000	50,496,000	-	36,589,149	167,047	2	(5,932,626)	1								
CLOSE OUT PHASE																				
		Sub Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Grand Total			969,139,800	62,049,000	926,720,800	926,720,800	-	36,589,149	167,047	2	(5,932,626)	1								

Footnotes

F1 - Reflects amount from the 10yr Capital Budget dated September 13, 2022.

F2 - Reflects changes to the FY 2023 adopted budget.

F3 - Amount comprised of prior year expenditures, current and future planned funding (Adopted Summary Budget FY 2023). 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.

Completion Delays

None

Close Out Delays

None

Multiple Sites Projects

1. SY 2024-25 MS Functional Equity includes improvements at 3 sites: College Park MS, Hunters Creek MS, and Westridge MS
2. SY 2024-25 ES Functional Equity includes improvements at 3 sites: Dr. Phillips ES, Hunters Creek ES, and Whispering Oak ES.
3. FY22 Multi-Site Comprehensive Renovation includes improvements at 4 sites: Avalon ES, Camelot ES, Citrus ES, and Endeavor ES.

Projects Closed Since Last Report

None

Final Budget Variance

Final ODP %



PROJECT STATUS SUMMARY REPORT

COMPREHENSIVE SCHOOLS

May 18, 2023

Funding Source	Priority #	School Name	Explanation of Adopted Budget Changes
PLANNING PHASE			
CIT		Clarcona (Old) Demolition	Added project to the Comprehensive project list. Currently, a site demolition breakout project is in Planning.
DESIGN PHASE			
Sales Tax		Windermere HS (On-Campus Stadium)	Added project to the Comprehensive project list.
CONSTRUCTION PHASE			
Sales Tax		Lake Buena Vista HS/ Horizon HS (CTE Lab Conversions & Misc.)	Added project to the Comprehensive project list.



Project Status Summary Report

Capital Renewal Projects (Note 1)

May 18, 2023

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

Project Elements

Location	Wt'd Age (FISH)	Project Number	Size	Site	Roofing	Structural	Exterior	Interior	Mechanical	Electrical	Plumbing	Life Safety	Technology	Conveyance	Specialties	Prior Project Budget	Project Budget Changes	Current Project Budget	Current Estimated Cost At Completion	Variance from Current Project Budget	GMP Amount	Construction Change Orders		ODP Change Orders		Approved Construction		Number of Days Past Subst. Compl. (close-out)	Contract Type	CM / GC Firm	AE Firm			
																						Amount	#	Deducts	#	NTP Construct	Contract Subst. Comnl.							
PLANNING PHASE																Budget						Schedule		Contracting										
FY23 Multi-Site Exterior Painting	-	N0176.0	Int						✓	✓						-	2,088,000	2,088,000	2,088,000	-														
FY23 Multi-Site Low Voltage Sonitrol	-	N0171.0	Sm										✓			336,000	-	336,000	336,000	-														
FY23 Multi-Site Low Voltage CCTV	-	N0172.0	Lg										✓			4,089,000	-	4,089,000	4,089,000	-														
Multi-System at 05-Sites	-	N0142.0	Lg	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	32,262,000	-	32,262,000	32,262,000	-														
Rosemont ES	23-Yr	N0090.0	Lg	✓	✓		✓	✓	✓	✓	✓	✓	✓			5,871,000	-	5,871,000	5,871,000	-														
Special Hearts Farm HVAC	-	N0173.0	Sm					✓								-	175,949	175,949	175,949	-														
University HS	13-Yr	N0177.0	Int									✓				-	1,330,000	1,330,000	1,330,000	-														
SUBTOTAL (Planning)		7 Projects	31 Sites													42,558,000	3,593,949	46,151,949	46,151,949	-														
DESIGN / PRE-CONSTRUCTION PHASE																																		
Andover ES	18-Yr	N0124.0	Lg		✓				✓	✓						5,720,000	-	5,720,000	5,720,000	-										Legco Construction	OCI Engineering			
Apopka HS	15-Yr	N0136.0	Lg	✓	✓		✓	✓	✓	✓		✓				17,996,000	-	17,996,000	17,996,000	-										Bishop Construction	RGD			
Boone HS	23-Yr	N0031.8	Sm						✓							312,000	77,000	389,000	389,000	-									Ovation	CPH Inc.				
Evans HS	13-Yr	N0150.0	Sm							✓						232,000	-	232,000	232,000	-									TERM SERV	Voltaire				
FY22 LED Conversion Pilot at 03-Sites	-	N0159.0	Int							✓						2,536,000	-	2,536,000	2,536,000	-									Schmid Construction	Voltaire				
FY22 Exterior Painting Group 1	-	N0123.0	Int				✓									2,325,000	-	2,325,000	2,325,000	-									TBD	Gale				
FY22 Exterior Painting Group 2	-	N0162.0	Lg				✓									3,357,000	-	3,357,000	3,357,000	-									TBD	Gale				
HVAC at 02-Sites	-	N0125.0	Lg	✓	✓				✓	✓		✓				3,700,000	-	3,700,000	3,700,000	-									Legco Construction	GRaEF-USA				
HVAC at 02-Sites	-	N0139.0	Lg						✓	✓						22,289,000	-	22,289,000	22,289,000	-									Johnson-Laux	TLC Engineering				
HVAC at 02-Sites	-	N0140.0	Lg						✓	✓	✓					22,872,000	-	22,872,000	22,872,000	-									OHL Building	OCI Engineering				
HVAC at 03-Sites	-	N0168.0	Lg	✓			✓		✓	✓						32,047,000	-	32,047,000	32,047,000	-									T&G Constructors	OCI Engineering				
HVAC at 05-Sites	-	N0105.0	Lg						✓	✓	✓					21,357,000	-	21,357,000	21,357,000	-									Legco Construction	Matern				
HVAC at 06-Sites	-	N0147.0	Lg						✓	✓						13,658,000	-	13,658,000	13,658,000	-									Sequel Developers	GRaEF-USA				
Liberty MS	18-Yr	N0141.0	Int					✓			✓					1,988,000	626,000	2,614,000	2,614,000	-									SkyBuilders USA	Baker Barrios				
Lockhart MS	15-Yr	N0138.0	Lg	✓					✓	✓						6,890,000	-	6,890,000	6,890,000	-									Votum	Baker Barrios				
Low Voltage at 38-Sites	-	N0120.0	Lg									✓	✓			29,180,000	-	29,180,000	29,180,000	-									Johnson-Laux	Matern				
Multi-System at 02-Sites	-	N0137.0	Lg		✓		✓		✓	✓		✓	✓	✓		12,555,000	-	12,555,000	12,555,000	-									Welbro	SGM				
Multi-System at 02-Sites	-	N0144.0	Lg	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓		18,799,000	-	18,799,000	18,799,000	-									Votum	SGM				
Ocoee HS	18-Yr	N0099.0	Lg						✓	✓	✓					14,749,000	-	14,749,000	14,749,000	-									T&G Constructors	GRaEF-USA				
Piedmont Lakes MS	30-Yr	N0119.0	Lg					✓	✓	✓	✓	✓				17,690,000	-	17,690,000	17,690,000	-									CPPI	Bobes Associate				
Roberto Clemente MS	20-Yr	N0111.0	Lg	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		18,914,000	-	18,914,000	18,914,000	-									Votum Construction	SGM				
Tildenville ES	19-Yr	N0131.0	Lg	✓					✓	✓	✓	✓	✓			7,347,000	-	7,347,000	7,347,000	-									Johnson-Laux	OCI				
Union Park MS	17-Yr	N0132.0	Lg	✓	✓	✓			✓	✓						5,311,000	-	5,311,000	5,311,000	-									Messam Construction	Little Diversified				
Westbrooke ES	15-Yr	N0155.0	Lg						✓	✓						5,064,000	-	5,064,000	5,064,000	-									Williams	GRaEF-USA				
SUBTOTAL (Design/Pre-Con)		24 Projects	74 Sites													286,888,000	703,000	287,591,000	287,591,000	-														



Project Status Summary Report

Capital Renewal Projects (Note 1)

May 18, 2023

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

Project Elements

Location	Wt'd Age (FISH)	Project Number	Size	Site	Roofing	Structural	Exterior	Interior	Mechanical	Electrical	Plumbing	Life Safety	Technology	Conveyance	Specialties	Prior Project Budget	Project Budget Changes	Current Project Budget	Current Estimated Cost At Completion	Variance from Current Project Budget	GMP Amount	Construction Change Orders		ODP Change Orders		Approved Construction		Number of Days Past Subst. Compl. (close-out)	Contract Type	CM / GC Firm	AE Firm
																						Amount	#	Deducts	#	NTP Construct	Contract Subst. Comnl. Schedule				
Budget																															
CONSTRUCTION PHASE																															
Chain of Lakes MS	25-Yr	N0076.1	Int						✓							1,036,000	-	1,036,000	1,036,000	-	726,813	-	-	-	-	03/11/22	05/30/23		TERM SERV	Trane	SGM
Chiller Repl at 02-Sites	-	N0101.0	Lg						✓	✓						2,766,000	-	2,766,000	2,766,000	-	2,411,000	-	-	-	-	01/12/23	11/30/23		TERM SERV	Trane	GRaEF-USA
Dr Phillips HS	-	N0133.0	Lg	✓					✓	✓						4,302,000	-	4,302,000	4,302,000	-	3,645,995	-	-	-	-	02/09/23	04/29/24		TERM SERV	HA Contracting	GRaEF-USA
Eagle's Nest ES	19-Yr	N0164.0	Sm							✓						70,000	-	70,000	70,000	-	36,500	-	-	-	-	03/22/23	07/19/23		TERM SERV	Frank Gay	N/A
Evans HS	13-Yr	N0166.0	Sm						✓	✓						156,000	-	156,000	156,000	-	123,104	-	-	-	-	01/20/23	12/15/23		TERM SERV	Trane	N/A
FY22 Low Voltage CCTV at 18-Sites	-	N0158.0	Lg										✓			5,472,000	-	5,472,000	5,472,000	-	1,518,506	-	-	-	-	11/03/22	08/25/23		TERM SERV	Archis	N/A
FY22 Low Voltage Intrusion Detection at 05-Sites	-	N0161.0	Int										✓			600,000	-	600,000	600,000	-	564,349	-	-	-	-	03/03/23	11/30/23		TERM SERV	Sonitrol	N/A
Chiller R'newal at 05-Sites	-	N0169.0	Lg						✓							2,470,000	-	2,470,000	2,470,000	-	1,582,118	-	-	-	-	03/14/23	11/14/23		TERM SERV	Multiple Vendors	N/A
Gotha MS	29-Yr	N0156.0	Int						✓	✓						2,328,000	-	2,328,000	2,328,000	-	1,204,324	-	-	-	-	02/24/23	02/12/24		GMP	Trane	Matern
Jones HS	19-Yr	N0059.3	Lg	✓												6,757,000	-	6,757,000	6,757,000	-	5,643,940	-	-	(1,665,725)	2	06/27/22	05/03/24		GMP	McCree	KBJ
Lakeview MS	23-Yr	N0102.1	Lg	✓												3,120,000	-	3,120,000	3,120,000	-	2,687,401	-	-	-	-	02/23/22	08/18/23		TERM SERV	Atlas Apex	Gale
Liberty MS	18-Yr	N0167.0	Int							✓				✓		1,037,000	-	1,037,000	1,037,000	-	841,092	-	-	(396,183)	1	08/22/22	06/12/23		GMP	SkyBuilders USA	Baker Barrios
Riverdale ES	25-Yr	N0170.0	Int					✓								600,000	-	600,000	600,000	-	291,187	-	-	-	-	02/22/23	07/24/23		TERM SERV	Multiple Vendors	N/A
Roofing at 02-Sites	-	N0103.0	Lg	✓							✓					10,259,000	-	10,259,000	10,259,000	-	8,972,425	-	-	-	-	02/02/23	12/09/24		GMP	CORE	Raymond
Roofing at 04-Sites	-	N0102.0	Lg	✓												3,125,000	-	3,125,000	3,125,000	-	2,711,534	-	-	(679,895)	2	08/05/22	12/15/23		GMP	Lego Construction	Gale
Thornebrooke ES	20-Yr	N0091.0	Lg						✓	✓	✓	✓	✓			4,668,000	-	4,668,000	4,668,000	-	3,885,167	-	-	(174,206)	1	11/04/22	08/01/23		GMP	CPPI	GRaEF-USA
Timber Creek HS	24-Yr	N0037.4	Sm	✓								✓	✓			183,000	-	183,000	183,000	-	156,422	-	-	-	-	10/21/21	06/30/23		TERM SERV	Ovation	N/A
Chiller Repl at 04-Sites	-	N0151.0	Lg						✓	✓						3,453,000	-	3,453,000	3,453,000	-	1,496,104	-	-	-	-	04/04/23	12/06/24		TERM SERV	Varies	TLC
West Oaks ES	18-Yr	N0143.16	Sm	✓												96,000	-	96,000	96,000	-	78,051	-	-	-	-	03/07/23	05/19/23		TERM SERV	Atlas Apex	N/A
SUBTOTAL (Construction)		19 Projects	45 Sites													52,498,000	-	52,498,000	52,498,000	-	38,576,031	-	-	(2,916,010)	6						
SUBTOTAL (Active)		50 Projects	108 Sites													381,944,000	4,296,949	386,240,949	386,240,949	-	38,576,031	-	-	(2,916,010)	6						
CLOSE-OUT																															
SUBTOTAL (Close-Out)		0 Projects	0 Sites													-	-	-	-	-	-	-	-	-	-						
GRAND TOTAL		283 Projects	133 Sites																												

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).

Completion Delays

None

Projects Closed Since Last Report

Projects Closed Since Last Report	Final Budget Variance	Final ODP %
Glenridge MS (N0088.0)	(\$530,000)	14.5%
Wolf Lake MS (N0086.0)	(\$476,000)	9.1%

Close Out Delays

None

Other

1. The GMP amount for FY22 Low Voltage CCTV at 18-Sites is an estimated amount which will be updated as Term Service purchase orders are executed.



Project Status Summary Report

Capital Renewal Projects (Note 1)

May 18, 2023

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

Project Elements

Location	Wt'd Age (FISH)	Project Number	Size	Site	Roofing	Structural	Exterior	Interior	Mechanical	Electrical	Plumbing	Life Safety	Technology	Conveyance	Specialties	Prior Project Budget	Project Budget Changes	Current Project Budget	Current Estimated Cost At Completion	Variance from Current Project Budget	GMP Amount	Construction Change Orders		ODP Change Orders		Approved Construction		Number of Days Past Subst. Compl. (close-out)	Contract Type	CM / GC Firm	AE Firm
																						Amount	#	Deducts	#	NTP Construct	Contract Subst. Compl. Schedule				

Location	Project Number	Size	Explanation of Project Budget Changes	
PLANNING PHASE				
FY23 Multi-Site Exterior Painting	-	N0176.0	Int	Added Project
Special Hearts Farm HVAC	-	N0173.0	Sm	Added Project
University HS	13-Yr	N0177.0	Int	Added Project
DESIGN PHASE				
Boone HS	23-Yr	N0031.8	Sm	Budget adjustment per vendor pricing.
Liberty MS	18-Yr	N0141.0	Int	Budget adjustment per submitted GMP.

- Budget**
- Contracting**
- Multiple Sites Projects, with Florida Inventory of School Houses (FISH) Wt'd Age in [brackets]:**
- N0101.0 consists of chiller replacement at 2 campuses: Roberto Clemente MS [20] and Lake Sybelia ES [14].
 - N0102.0 consists of select roof replacement at 3 campuses: Sadler ES [38], Windermere ES [17], and Windy Ridge K8 [17].
 - N0103.0 consists of select roof replacement at 2 campuses: Avalon MS [17] and Meadowbrook MS [18].
 - N0105.0 consists of select HVAC replacement at 5 campuses: Castle Creek ES [17], Columbia ES [16], West Oaks ES [19], Windermere ES [17], and Wolf Lake ES [17].
 - N0120.0 consists of intrusion detection, fire alarm, intercom, and/ or security camera replacement at 38 campuses: Apopka ES [10]; Baldwin Park ES [16]; Blankner K8 [22]; Bridgewater MS [16]; Dillard St ES [19]; Eagle's Nest ES [20]; East Lake ES [18]; East River HS [14]; Evans HS [13]; Freedom HS [20]; Freedom MS [18]; Killarney ES [14]; Lake Nona HS [14]; Lakeville ES [24]; Legacy MS [18]; Liberty MS [18]; Maitland MS [14]; McCoy ES [18]; Meadowbrook MS [18]; Memorial MS [15]; Ocoee HS [18]; OTC-Avalon Campus [15]; Ridgewood Park ES [17]; Riverdale ES [25]; Sadler ES [38]; Sand Lake ES [18]; South Creek MS [17]; Timber Lakes ES [15]; Union Park MS [17]; Waterbridge ES [13]; Waterford ES [15]; West Oaks ES [19]; West Orange HS [15]; Windermere ES [17]; Windy Ridge K8 [17]; Wolf Lake ES [17]; Wolf Lake MS [17]; Wyndham Lakes ES [17].
 - N0123.0 consists of exterior painting at 17 campuses: Aloma ES [11]; Azalea Park ES [12]; Cypress Springs ES [12]; Forsyth Woods ES [13]; Lake Sybelia ES [14]; Lancaster ES [12]; Metrowest ES [11]; Princeton ES [12]; Rock Springs ES [12]; Sadler ES [38]; Sand Lake ES [18]; Shenandoah ES [16]; Southwood ES [26]; Sunridge ES [11]; Wetherbee ES [12]; Wyndham Lakes ES [17]; Zellwood ES [12].
 - N0125.0 consists of select HVAC replacement at 2 campuses: Dillard Street ES [19] and Hiwassee ES [20].
 - N0137.0 consists of multi-system improvements at 2 campuses: Dommerich ES [14] and Maitland MS [14].
 - N0139.0 consists of select HVAC replacement at 2 campuses: Wekiva HS [16] and West Orange HS [15].
 - N0140.0 consists of select HVAC replacement at 2 campuses: East River HS [14] and Lake Nona HS [14].
 - N0142.0 consists of multi-system improvements at 5 campuses: Columbia ES [16]; Moss Park ES [16]; Stone Lakes ES [17]; Vista Lakes ES [17]; West Creek ES [19].
 - N0144.0 consists of multi-system improvements at 2 campuses: Lakemont ES [15]; Windy Ridge K8 [17].
 - N0147.0 consists of select HVAC replacement at 7 campuses: Baldwin Park ES [16]; Eagle's Nest ES [20]; McCoy ES [18]; Millennia ES [17]; Whispering Oak ES [18]; Wyndham Lakes ES [17].
 - N0151.0 consists of chiller replacement at 4 campuses: Killarney ES [14]; Robinswood MS [15]; Timber Lakes ES [15]; Walker MS [13].
 - N0158.0 consists of CCTV security cameras replacement at 18 campuses: Arbor Ridge K8 [11]; Avalon MS [17]; Castle Creek ES [17]; Catalina ES [16]; Colonial 9GC [22]; Eccleston ES [10]; Forsyth Woods ES [13]; Keene's Crossing [14]; Lake Nona MS [12]; Lancaster ES [12]; Lockhart MS [15]; Palm Lake ES [14]; Pinewood ES [26]; Princeton ES [12]; Shenandoah ES [16]; Sunridge ES [11]; Walker MS [13]; Washington Shores PLC [17].
 - N0159.0 consists of LED retrofit at 3 campuses: Freedom MS [18]; Freedom HS [20]; West Creek ES [19].
 - N0161.0 consists of intrusion detection system replacement at 5 campuses: Apopka 9GC [28]; Castle Creek ES [17]; Catalina ES [16]; Conway ES [16]; Wekiva HS [16].
 - N0162.0 consists of exterior painting at 9 campuses: Acceleration East [21]; Apopka 9GC [28]; Apopka HS [15]; Edgewater HS [13]; Evans HS [13]; Hunter's Creek MS [30]; South Creek MS [17]; Sunridge MS [11]; Westridge MS [12].
 - N0168.0 consists of select HVAC replacement at 3 campuses: Bonneville ES [22]; Legacy MS [18]; Washington Shores PLC [17].
 - N0169.0 consists of chiller r'newal at 5 campuses: Freedom MS [18]; Meadowbrook MS [18]; Olympia HS [23]; Timber Creek HS [24]; Winter Park 9GC [13].
 - N0171.0 consists of intrusion detection system replacement at 4 campuses: Acceleration East [21]; Andover ES [18]; Bay Meadows ES [20]; Cheney ES [17].
 - N0172.0 consists of CCTV security cameras replacement at 14 campuses: Aloma ES [11]; Azalea Park ES [12]; Bonneville ES [22]; Brookshire ES [10]; Cypress Springs ES [12]; Edgewater HS [13]; Hunter's Creek ES [13]; Lake Sybelia ES [14]; Prairie Lake ES [10]; Rock Springs ES [12]; Sun Blaze ES [10]; Sunridge MS [11]; Wetherbee ES [12]; Zellwood ES [12].
 - N0176.0 consists of exterior painting at 7 campuses: Arbor Ridge K8 [11]; Brookshire ES [10]; Colonial 9GC [22]; Freedom HS [20]; Freedom MS [18]; Lakeville ES [24]; Sun Blaze ES [10].



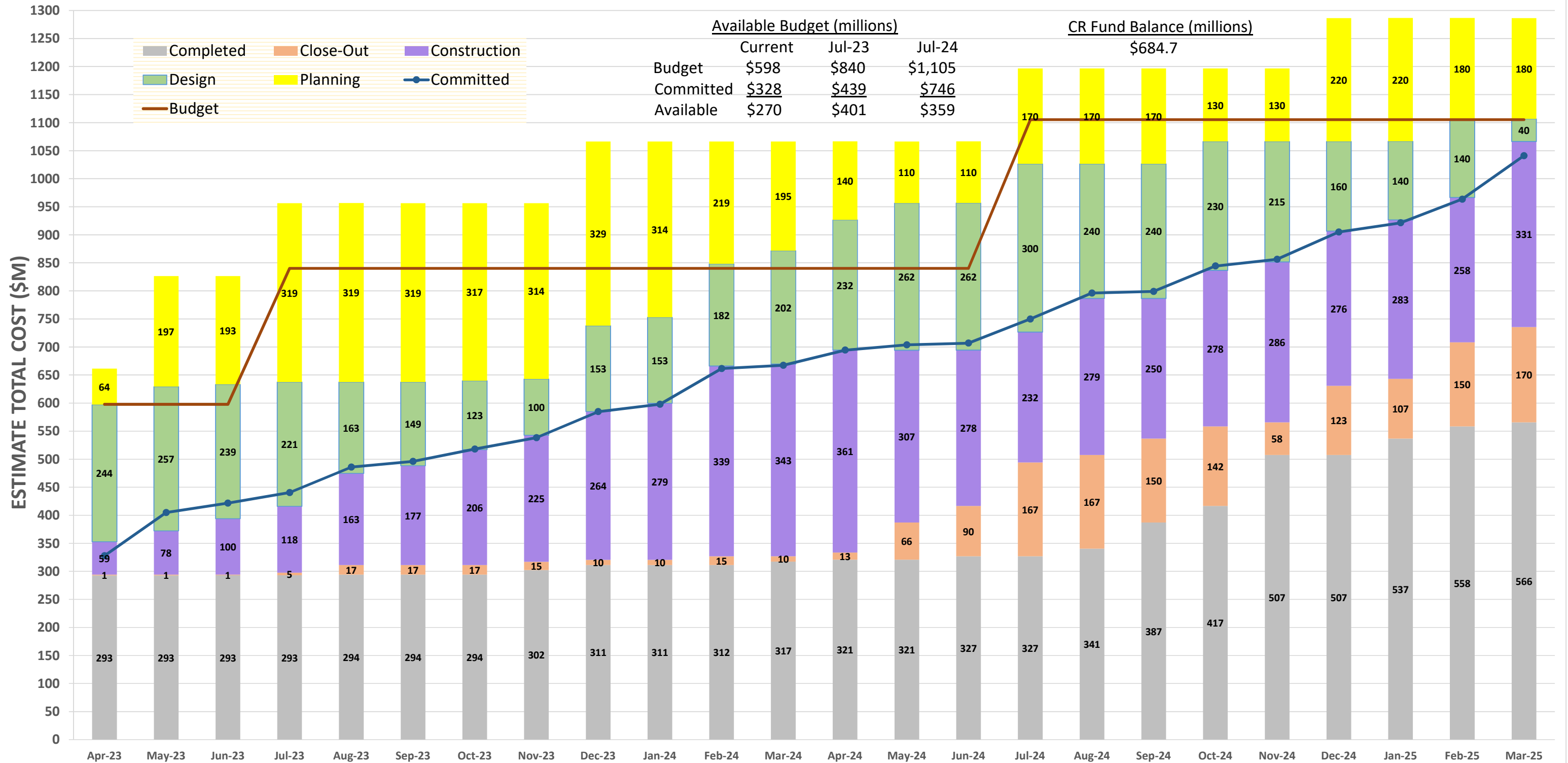
OCPS MASTER CLOSEOUT REPORT

	CAPITAL PROJECT	CAPITAL RENEWAL PROJECT
	Panther Lake ES	Jones HS
Project Number	S-0099	N-0059.2
Project Manager	Tamara Cox	Daya Taylor
Architect of Record	BRPH	KBJ
Construction Manager	Williams	McCree
Substantial Completion	04/20/23	05/14/21
Closeout Complete (Exhibit H)	May '23	May '24

CLOSEOUT DELIVERABLE		
O & M Manuals	Completed	Completed
Environmental Closeout Manual	Completed	Completed
Warranty Certificates	Completed	Completed
Master Consolidated Punch List (signed-off)	Need PH 3 Only (5 Items)	Completed
Return of Items Procured w/GRs (\$75+)	Completed	Completed
As-Built Drawings	Completed	Completed
As-Built Project Manuals	Completed	Completed
Record Drawings & Project Manuals	Completed	Completed
Certificate of Substantial Completion	Completed	Completed
Certificate of Occupancy	Completed	Completed
Attic Stock	Completed	Completed
Training	Completed	Completed
Specific Easements	Completed	N/A
Sustainability Letter & Score Card	Completed	N/A
OEF 564 - Cost Breakdown Info	Completed	N/A
Final CRs & COs (excluding ODP / GMP reconciliation)	Time Extension CO #11 for PH 3	Completed
Final ODP Reconciliation Change Order	Completed	Completed
Final GMP Reconciliation Change Order	Pending CO #11	Completed
Certificate of Final Inspection (CFI)	Pending CO #11 & CO #12	Pending Roofing Project
Final Pay Application	WIP	Pending Roofing Project

Capital Renewal Forecast

Reporting Period: April 2023 - March 2025



PROJECT STATUS REPORT

Capital Construction Update as of May 18, 2023

We continue with six (6) projects under construction.

Two (2) Comprehensive Projects:

- **Orange Technical College** (Comprehensive Renovation)

Phase 1: Includes all of the first floor and half of floors 2-5. Anticipated for completion late May 2023.

Phase 2: Includes the remaining half of floors 2-5, including roofing. Anticipated for completion late December 2023.

Project Status: Work is moving along but slightly behind schedule for Phase 1. Work continues on all floors in various stages of completion. The flooring is completed on all floors, interior glazing is complete, final millwork is ongoing and doors are installed. Final inspections are underway on all floors. Final cleaning in preparation for FF&E has started. Site work in front of the school completed. FF & E is on site preparing for install.

The project is forecasted to be complete December 2023.



Capital Construction Update as of May 18, 2023

- **Hungerford Building 8** (Comprehensive Renovation)

Select renovation of existing Hungerford Building 8 to convert into a welding lab/construction lab using classrooms, restrooms, and spaces for mechanical and electrical rooms. Existing metal covered play structure to be converted into outdoor welding school and added parking.

Project Status: Metal building slab has been poured. Metal building is on site ready to be installed. Interior rough-out of electrical and plumbing continues.

The project is anticipated to be completed late July 2023.



Capital Construction Update as of May 18, 2023

Three (3) New Relief Projects:

- **Site 129-M-SE-2** (Laureate Park) (Greenfield school)

This project includes construction of a new Middle School.

Project Status: Site work is ongoing, import fill is nearly complete and final grading is continuing. The deep underground storm drainage is complete. Temporary Construction fence is underway. Building 300 foundation has begun.

The project is anticipated to be completed late June 2024.



WALKER
& COMPANY

Site 129-M-SE-2 M.S. Relief
4-20-23



aerial
Innovations

Capital Construction Update as of May 18, 2023

- **Water Spring MS (Site 65-M-W-4)** (Horizon West Area MS Relief) (Greenfield school)

Project Status: Work is moving along on schedule. Permanent power is on. The chillers are operating and cooling the buildings. Site work continues, parking lot base along with the running track are complete and ready for paving. Canopy footers are underway along with canopy install in select locations. Roofing work is complete. Finishes are underway in all buildings including ceramic tile, painting, ceiling grid, ceiling tile and millwork. Mechanical, Electrical and Plumbing finishes are underway including all above ceiling inspections.

The project is anticipated to be completed early June 2023.



Water Spring MS
Winter Garden, FL



Image # 2925
Date: 04.25.23
1.800.723.7425

Capital Construction Update as of May 18, 2023

- **Site 50-H-SE-2** (Innovation Way Area Northwest) (Greenfield school)

Project includes construction of a new high school with approximately 381,000 SF on 61 acres. Project consists of multi-story buildings with classrooms, administration, art, music suite, science labs, skills labs, career and technical education, exceptional education, kitchen, dining, media center, gymnasium, auditorium, athletic facilities and related site work. This high school was designed for 3,240 student stations. The project will be done in two phases, and is anticipated to be completed mid-July 2024.

Phase 1: Includes construction of Building 100. Anticipated completion mid-June 2024.

Phase 2: Includes construction of Building 200. Anticipated completion mid-July 2024.

Project Status: Project is progressing on schedule. Building foundations are nearly complete. Building slab pours are progressing. The layout of tilt panels is continuing and includes forming, rebar install and electrical rough-out within tilt panels. Tilt panels previously completed are ready for installation. Deep underground storm piping has begun.



Capital Construction Update as of May 18, 2023

One (1) Replacement Project:

- **Site 73-T-W-7 – Orange Technical College / West Campus (Westside):**

Replacement campus for Orange Technical College Westside on a new 37 acre greenfield site, adjacent to Ocoee High School. Programs at OTC West Campus will focus on the construction trades, welding, apprenticeship programs and human services. High School dual-enrolled students will attend classes at this campus. The project is anticipated to be completed in a single phase.

Construction NTP issued on August 26, 2022.

Project Status: Offsite clearing anticipated to begin the end of May. Pond excavation continues; deep underground storm piping has begun. Foundations and pier footings are underway. Rough-out of under slab plumbing and electrical continues. First section of slab pour has taken place along with casting beds for tilt panels.

The project is anticipated to be completed late February 2024.



OTC West Campus Replacement Project
(Site 73) OCPS Project: S0112
4.20.23



Capital Construction Update as of May 18, 2023

We currently have 28 projects in the planning or design phase:

PLANNING

- Chain of Lakes MS (Comprehensive)
- Cherokee (Repurpose)
- Clarcona ES (Old) Demolition (Repurpose)
- Esteem Academy (Multi System Renewal)
- Kaley ESE Services (Multi-System Renewal)
- Lawton Chiles ES (Comprehensive)
- Multiple Sites (Comprehensive)
- Northlake Park ES (Comprehensive)
- Oak Ridge HS (HS Functional Equity)
- Oakshire ES (Comprehensive)
- Ocoee MS (Comprehensive)
- Palmetto ES (Comprehensive)

DESIGN

- Colonial HS (Comprehensive)
- Howard MS (Comprehensive)
- Lakeview MS (Comprehensive)
- Orange Center ES (Parking Garage)
- Orange Technical College / East Campus (Winter Park) (Replacement)
- Orange Technical College / South Campus (Mid-Florida) (Comprehensive)
- Pine Castle ES (Pre-K Center Repurpose)
- Site 47-E-W-4 Horizon West Area ES (Greenfield School)
- Site 97-E-SE-2 Weewahootee Area ES (Greenfield School)
- Site 121-A-W-7 West Bus Compound (Repurpose)
- Site 130-E-SE-2 Laureate Park Area ES (Greenfield School)
- Three Points ES (Comprehensive)
- Windermere HS (On Site Stadium) (Greenfield)
- Winter Park HS (Comprehensive)
- 4-Site SY 2024-25 (ES Functional Equity)
- 4-Site SY 2024-25 (MS Functional Equity)

Capital Construction Update as of May 18, 2023

SINCE LAST REPORT

- Substantial Completion achieved: **Panther Lake Elementary School**
- Notice to Proceed issued: **Nothing to Report**

CLOSEOUT

- Panther Lake ES

Capital Renewal Update as of May 18, 2023

There are 50 active projects (32 large, 10 intermediate, 8 small) currently in progress for improvements at 108 sites.

Planning

We currently have 7 projects in planning at 31 sites. These include 3 large projects, 2 intermediate projects, and 2 small projects. Since last report, a multi-system project at 2 sites (Lakemont ES and Windy Ridge K8) moved from Planning to Design.

Pre-planning scope development continues for other capital renewal projects for FY 2023.

Design

We currently have 24 projects in design at 74 sites. These include 19 large, 3 intermediate, and 2 small projects. A multi-system project at 2 sites (Lakemont ES and Windy Ridge K8) moved from Planning to Design.

Construction

We currently have 19 projects in construction at 45 sites. These include 10 large, 5 intermediate and 4 small projects. There have been no changes to the list of projects in construction since the last report.

Capital Renewal Update as of May 18, 2023

Changes since April 20, 2023

Planning

- Moved to Design
 - Multi-System at 02-Sites – N0144.0

Design

- Moved from Planning
 - Multi-System at 02-Sites – N0144.0

Construction

- No change since last report.

Closeout

- No change since last report.

Capital Renewal Update as of May 18, 2023

Active Projects with Construction Cost Exceeding \$10M per Project Site

Apopka High School – Multi-System Capital Renewal Project Estimated Guaranteed Maximum Price: \$12,419,000

Site

- Replacement of pumps and control panel at lift stations

Exterior

- Repair and replacement of exterior (EIFS) wall system in select areas
- Reroofing of select buildings

Heating, Ventilating and Air Conditioning (HVAC) Renovations

- Refurbishment of existing air handling units (AHUs) and the addition of bi-polar ionization
- Replacement of the existing building automation system (BAS) components
- Replacement of exhaust fans, outside air dampers, variable frequency drives (VFDs), electric heating coils, and selected variable air volume (VAV) boxes
- Selective replacement of Dx and mini-split A/C units and connection to the BAS controls

Electrical

- Electrical power modifications/upgrades to support the HVAC system design
- Repair of lightning protection system
- Replacement of parking lot light fixtures with LED type fixtures

Life Safety

- Replacement of fire alarm system

Capital Renewal Update as of May 18, 2023

**Ocoee High School – Chiller Replacement-HVAC Capital Renewal Project Estimated
Guaranteed Maximum Price: \$12,396,200**

Heating, Ventilating and Air Conditioning (HVAC) Renovations

- Refurbishment or replacement of existing air handling units (AHUs) and the addition of bi-polar ionization
- Replacement of the existing building automation system (BAS), campus-wide
- Refurbishment of mechanical rooms, including replacement of gauges, sensors, valves and other appurtenances and restoration of insulation
- Replacement of exhaust fans, outside air dampers, variable frequency drives (VFDs), electric heating coils, and cleaning of all variable air volume (VAV) boxes
- Equipment resizing and reengineered air flow requirements
- Selective replacement of Dx and mini-split A/C units

Chiller Replacement

- Replacement of existing chillers, cooling towers, and associated pumps, piping, and equipment
- Reuse of existing controllers
- Equipment resizing based on load modifications
- Provision of a new refrigerant leak detection system

Electrical

- Electrical power modifications/upgrades to support the HVAC system design and new air-cooled chillers
- Reuse of existing feeders or breakers and replacement as needed

Capital Renewal Update as of May 18, 2023

Piedmont Lakes Middle School – Mechanical-HVAC Capital Renewal Project Estimated Guaranteed Maximum Price: \$15,700,000

Heating, Ventilating and Air Conditioning (HVAC) Renovations

- Replacement of the existing building automation system (BAS), campus-wide
- Redesign of a new Air Distribution System campus-wide per the latest Design Guidelines inclusive of all associated equipment and accessories
- Conversion of kitchen units from Direct Expansion Cooling (Dx) to Chilled Water
- Replacement of existing wall mounted mini-split system in select areas
- Evaluation of all IDF and CCTV rooms current heat load requirements to include with the new Air Distribution System

Plumbing

- Replacement of approximately 400 LF of underground sanitary sewer line
- Replacement of all hot water heaters

Electrical

- Installation of Power and data ports for building automation system (BAS) interconnectivity and new electrical circuitry as required to support all new equipment installation

Interior

- Replacement of finishes as needed to accommodate new design

Capital Renewal Update as of May 18, 2023

Roberto Clemente Middle School – Multi-System Capital Renewal Project Estimated Guaranteed Maximum Price: \$16,300,000

Site

- Correcting drainage issues campus-wide

Roofing

- Roof replacement of buildings 100, 200, 300, 400 and 700
- Roof repairs of building 500

Exterior

- Select door replacement
- Replace exterior door and window seals

Interior

- Select door replacement
- Replacement of finishes as needed to accommodate new design
- Replacement of serving line equipment

Heating, Ventilating and Air Conditioning (HVAC) Renovations

- Replace HVAC system equipment in buildings 100, 200, 300, and 500
- Refurbishment of HVAC system in other buildings
- Replacement of the existing building automation system (BAS), campus-wide

Plumbing

- Reconfigure restrooms in building 700 for ADA compliance

Electrical & Systems

- Electrical upgrades necessary for HVAC work
- Exterior lighting upgrades to LED
- Lighting LED upgrade in select buildings
- Intercom system replacement for entire campus
- Intrusion detection and security CCTV upgrades campus-wide

Life Safety

- Fire alarm system interconnection upgrade to fiber

Capital Renewal Update as of May 18, 2023

**West Orange High School – HVAC Renovation-HVAC Capital Renewal Project Estimated
Guaranteed Maximum Price: \$10,300,000**

Heating, Ventilating and Air Conditioning (HVAC) Renovations

- Refurbishment or replacement of existing air handling units (AHUs) and the addition of bi-polar ionization
- Replacement of the existing building automation system (BAS) controls, campus-wide
- Refurbishment of mechanical rooms, including replacement of gauges, sensors, valves and pumps
- Replacement of exhaust fans, outside air dampers, variable frequency drives (VFDs), electric heating coils, and selected variable air volume (VAV) boxes
- Selective replacement of Dx and mini-split A/C units

Electrical

- Electrical power modifications/upgrades to support the HVAC system design
- Reuse of existing feeders or breakers, lightning protection system and replacement as needed

CHANGE ORDERS REPORT

Change Orders Report

Facilities & Construction Contracting
April 2023

There are no significant change orders or amendments to the report for the month of April 2023.

Facilities & Construction Contracting

COVE Report for April 2023

CONTRACTS AMENDED										
ITEM NO.	PROJECT NAME	VENDOR NAME	DOCUMENT TYPE	ORIGINAL DOC No.	DOC No.	REQUESTED AMOUNT	SERVICE TYPE	RFQ No.	REASON FOR CHANGE	APPROVAL REQUIREMENT
1	Colonial HS	Schenkel & Shultz, Inc.	Amendment	2126SCON SCHENKEL	1	\$495,000.00	Architectural & Engineering Services	2126PS	Provide design and CA services related to additional scope of work identified during program verification for comprehensive project (additional Est. Constr. Cost \$7,000,000.00).	Board (5/09/2023) / Rory A. Salimbene, Acting Chief Facilities Officer
2	Middle School Site 129-M-SE-2*	Schenkel & Shultz, Inc.	Design Change Directive	2122SCON SCHENKEL	1	\$63,539.55	Architectural & Engineering Services	2122PS	Additional design services as required to accommodate for (early) mass grading construction package for prototype new school relief project (no additional Est. Constr. Cost).	Superintendent / Rory A. Salimbene, Acting Chief Facilities Officer
3	Middle School Site 129-M-SE-2*	Schenkel & Shultz, Inc.	Design Change Directive	2122SCON SCHENKEL	2	\$27,663.91	Architectural & Engineering Services	2122PS	Additional design services for off-site roadway improvements leading to middle school staff/parent entry driveway on Pearson Avenue right-of-way for prototype new school relief project (Est. Constr. Cost \$200,000.00).	James Bannon, Facilities Executive Director
4	Orange Technical College	Gilbane Building Company	Amendment	19CM04SCON GILBANE	2	\$0.00	Construction Management Services	19CM04	Staffing modifications due to changes in the Principal in Charge, Site Superintendent, Project Executive, and Senior Project Manager for the comprehensive project.	Craig A. Jackson, Sr. Construction Director
5	Winter Park HS	C. T. Hsu & Associates, P.A.	Amendment	2105SCON CTHSU	2	\$44,814.21	Architectural & Engineering Services	2105PS	Design services for various additional scope items for the comprehensive project (additional Est. Constr. Cost of \$500,000.00).	Rory A. Salimbene, Acting Chief Facilities Officer

Facilities & Construction Contracting

COVE Report for April 2023

CONTRACTS AMENDED										
ITEM NO.	PROJECT NAME	VENDOR NAME	DOCUMENT TYPE	ORIGINAL DOC No.	DOC No.	REQUESTED AMOUNT	SERVICE TYPE	RFQ No.	REASON FOR CHANGE	APPROVAL REQUIREMENT
6	Winter Park HS	Terracon Consultants, Inc.	Amendment	1717169	1	\$11,276.40	Environmental Consulting Services	1717PS	Additional Asbestos and lead paint survey to comply with National Emissions Standards for Hazardous Air Pollutants for the comprehensive project.	James Bannon, Facilities Executive Director

*Not Funded by Sales Tax or Capital Renewal

Facilities & Construction Contracting

COVE Report for April 2023

CHANGE ORDERS APPROVED												
ITEM NO.	PROJECT NAME	VENDOR NAME	DOCUMENT TYPE	ORIGINAL DOC No.	AM GMP No.	DOC No.	REQUESTED AMOUNT	SERVICE TYPE	RFQ No.	REASON FOR CHANGE	ODP %	APPROVAL REQUIREMENT
1	East River HS*	Sequel Developers, Inc.	Change Order	19CM09 027B		1	(\$181,402.48)	Construction Management Services	19CM09	Estimated ODP for new athletic practice field, district capital project.		Rory A. Salimbene, Acting Chief Facilities Officer
2	Elementary School Site 47-E-W-4*	Welbro Building Corporation, Inc.	Change Order	21CM38 SCOWELBR O	1	1	(\$297,335.46)	Construction Management Services	21CM38	Estimated ODP for prototype new school relief project.		Rory A. Salimbene, Acting Chief Facilities Officer
3	High School Site 50-H-SE-2	CORE Construction Services of Florida, LLC	Change Order	21CM07 SCOWCORE	1	1	\$182,483.66	Construction Management Services	21CM07	Adjust value of general conditions for new school relief project.		Superintendent / Rory A. Salimbene, Acting Chief Facilities Officer
4	Lake Nona HS, East River HS, and Water Spring ES Portables*	Charles Perry Partners, Inc.	Change Order	19CM09 028B		2	\$39,113.49	Construction Management Services	19CM09	Security guard at Lake Nona HS and Water Spring ES for district portable project.		Rory A. Salimbene, Acting Chief Facilities Officer
5	Ronald Blocker Educational Leadership Center*	CORE Construction Services of Florida, LLC	Change Order	19CM08 SCOWCORE	1	7	(\$163,809.62)	Construction Management Services	19CM08	Final GMP reconciliation for service room mechanical upgrades, district capital project.		Rory A. Salimbene, Acting Chief Facilities Officer

Facilities & Construction Contracting

COVE Report for April 2023

CHANGE ORDERS APPROVED												
ITEM NO.	PROJECT NAME	VENDOR NAME	DOCUMENT TYPE	ORIGINAL DOC No.	AM GMP No.	DOC No.	REQUESTED AMOUNT	SERVICE TYPE	RFQ No.	REASON FOR CHANGE	ODP %	APPROVAL REQUIREMENT
6	Thornebrooke ES	Charles Perry Partners, Inc.	Change Order	19CM09 031B		2	(\$62,243.07)	Construction Management Services	19CM09	Estimated ODP for Multi-System capital renewal project.		Rory A. Salimbene, Acting Chief Facilities Officer
7	Water Spring MS 65-M-W-4*	CORE Construction Services of Florida, LLC	Change Order	20CM16 SCOR CORE	2	4	(\$2,338,304.12)	Construction Management Services	20CM16	Estimated ODP for prototype new school relief project.		Rory A. Salimbene, Acting Chief Facilities Officer

*Not Funded by Sales Tax or Capital Renewal

OCPS FACILITIES & CONSTRUCTION CONTRACTING

RFQs in Progress: MAY 2023

No.	Contract Description	Pre Submittal Meeting	Open Date	Shortlist Meeting	Interview Meeting	Board / CFO Date	Construction Budget	Firm(s) Awarded	Status
RFQ 2303PS	A/E Services for Palmetto ES Comprehensive Renovation Project	2/22/2023	3/8/2023	3/23/2023	4/4/2023	4/25/2023	\$ 30,900,000.00	Zyscovich, LLC	Awarded
RFQ 2304CM	CM Services for Palmetto ES Comprehensive Renovation Project	2/22/2023	3/8/2023	3/24/2023	4/5/2023	4/25/2023	\$ 30,900,000.00	Williams Company	Awarded
RFQ 2305PS	A/E Services for Lawton Chiles ES Comprehensive Renovation Project	2/28/2023	3/14/2023	3/28/2023	4/11/2023	4/25/2023	\$ 23,000,000.00	Little Diversified Architectural Consulting, Inc.	Awarded
RFQ 2306CM	CM Services for Lawton Chiles ES Comprehensive Renovation Project	2/28/2023	3/14/2023	3/29/2023	4/12/2023	4/25/2023	\$ 23,000,000.00	LEGO Construction Co.	Awarded
RFQ 2307PS	A/E Services for Oakshire ES Comprehensive Renovation Project	3/7/2023	3/21/2023	4/6/2023	4/18/2023	5/9/2023	\$ 19,000,000.00	Baker Barrios Architects, Inc.	Awarded
RFQ 2308CM	CM Services for Oakshire ES Comprehensive Renovation Project	3/7/2023	3/21/2023	4/7/2023	4/19/2023	5/9/2023	\$ 19,000,000.00	Johnson-Laux Construction LLC	Awarded

NEW PROTOTYPES

SITE 50-H-SE-2 COST ESCALATION

CAPITAL PROGRAM NEEDS

GLOSSARY OF TERMS

Funding Source Descriptions

CIT - Capital Improvement Tax: Funds derived from a 1.5 millage levy on local property. Revenues may be used for payment of principal and interest on COPS, for purchase of new and replacement equipment; for maintenance of existing facilities; rental and leasing of educational facilities and sites; purchase of new and replacement school buses; project management and for construction and remodeling of new or existing facilities. Based on 2017 legislation, a portion of the funds derived from the capital improvement millage may be distributed to eligible charter schools to pay for capital needs including but not limited to construction, vehicle purchases, and real property acquisition.

COPS - Certificates of Participation: These funds are not a source of revenue but the proceeds of a twenty-five year loan against future property tax revenues. Funds may be used to remodel, renovate or replace existing schools and acquire land and construct additional schools.

CSR - Class Size Reduction: The voter approved constitutional amendment placed the responsibility for providing the necessary operating and capital funds required on the Legislature. The Class Size Reduction Capital Outlay program was established to provide funds to eligible public school districts for capital outlay purposes to reduce class size or for any lawful capital outlay purpose if the class size maximum had been met. In fiscal year 2000, the district received \$147.7 million from this program.

IMPACT - School Impact Fees: Florida Statutes direct local governments to make efficient and adequate provisions for schools. Impact fees represent a total or partial reimbursement for the cost of additional facilities or services necessary as a result of the new development. Funds can only be used to pay for capital expenditures resulting from student growth (i.e. relief schools).

QSCB - Qualified School Construction Bonds: QSCBs are financial instruments that provide a subsidy in the form of a tax credit to a bank or other financial institution that holds the QSCBs. The tax revenues are made available by the federal government to help fund school construction, rehabilitation, repair and land acquisition. These bonds were authorized by the federal government through the American Recovery and Reinvestment Act (ARRA) of 2009.

SIT - School Infrastructure Thrift Award: The SIT program provided incentive grants to districts for savings realized through functional and frugal school construction. These awards were funded by the Educational Enhancement (Lottery) Trust Fund. The district received a total of \$22.2 million for qualifying capital expenses.

Common Terms by OPCS Facilities

AE - Architect/ Engineer

BAS - Building Automation System

BIC - Ball-in-court

BOS - Bill of Sale: Utility providers may require a sketch, legal description, and / or a bill of sale (documentation of sale of transfer of goods) for infrastructure improvements performed by the construction contractor.

CCD - Construction Change Directive

CCTV - Closed Circuit Television

CFI - Certificate of Final Inspection

CM - Construction Manager

CO - Change Order

CR - Contingency Request: GMP contract Amendments include not-to-exceed values for Contractor's Contingency and Owner's Contingency. Both require Owner approval prior to use.

DX - Direct Expansion: Direct expansion cooling is a type of refrigerant based HVAC system.

ES - Elementary School

FISH - Florida Inventory of School Houses: The Florida Department of Education maintains a central database of information for all educational and non-instructional facilities throughout the state.

FY - Fiscal Year

GC - General Contractor

GMP - Guaranteed Maximum Price

GR - General Requirements: GMP contract amendments include not-to-exceed values for Contractor reimbursable expenses that are not directly related to the construction cost of the work.

HS - High School

HVAC - Heating, Ventilation, and Air Conditioning

IDF - Intermediate Distribution Frame: IDF rooms are utilized for secondary distribution of networking systems throughout the facility.

Common Terms by OCPs Facilities

INT - Intermediate: Projects with construction costs between \$280,000 and \$2,000,000.

LF – Linear Foot

LG - Large: Projects with construction costs that exceed \$2,000,000.

MDF - Main Distribution Frame: MDF rooms are utilized for primary distribution of networking systems throughout the facility.

MS - Middle School

NTP - Notice to Proceed

O&M - Operation and Maintenance

ODP - Owner Direct Purchase: The ODP program allows the District to benefit from its tax-exempt status by directly purchasing materials from suppliers, thereby avoiding the sales tax that contractors purchasing the same materials would pay.

PM TEAM - Program Management Team

REPL - Replacement

SERV - Service

SF - Square Foot

SM - Small: Projects with construction costs less than \$280,000.

SUBST - Substantial

SY - School Year

TBD - To Be Determined

TCO - Temporary Certificate of Occupancy

WIP - Work in Progress

Wt'd Age - Weighted Age: The weighted age of a facility is the average number of years since construction or comprehensive renovation. When buildings on a campus have different ages, an average is determined using the net floor area as the weighting factor.