



# COVE Report

CITIZENS' CONSTRUCTION OVERSIGHT AND VALUE ENGINEERING

April 21, 2022

# COVE

## Meeting Agenda

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April 21, 2022  
8:00 a.m. – 10:00 a.m.

### 1. Call to Order and Approval of Meeting Minutes

Pat Knipe, Chair

- Chair comments

### 2. Review Action Items

- Determine the type of soil being used in the area of the track at site 132-M-W-4 and the amount of fines in it.
- Provide an update on solar and sustainability initiatives.

### 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

- None

### 5. Discussion and Adjournment

- Next COVE meeting scheduled on Thursday, May 19, 2022



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The Construction Oversight and Value Engineering Committee monthly meeting convened on Thursday, March 17, 2022 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, Douglas Kelly, Jeff Hart, Stuart Kramer and George Hack.

**OCPS Team:** Dr. Barbara Jenkins, Jad Brewer, Gerard Cattani, Mari Espinal, William Farhat, Craig Jackson, Staci Neal, Judith Padres, Tonya Page Batson, Rory Salimbene, Chris Solomon, Robert Waremburg, Mike Winter and Mary Lu Bronson.

**Program Management Team:** Basem Ghneim, Mark O'Connor and Bill Terry.

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**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 wished everyone a Happy St. Patrick's Day, and announced a selection had been made for the Chief Facilities Officer. Superintendent Barbara Jenkins followed by stating Rory Salimbene was selected and had received a formal approval from the Board and was being appointed in an acting capacity pending the selection of a new superintendent.

The Superintendent was asked for an update on the search process of her replacement. Dr. Jenkins confirmed her retirement date would be December 31, 2022, and indicated that a timeline for the selection of her replacement had been established that would culminate in July.

Doug Kelly was congratulated on being named Vice Chairman of COVE.

Chair also noted that Dick Batchelor, *2002 Orlando Sentinel Central Floridian of the Year*, spearheaded the drive that passed the original 1/2 cent sales tax referendum for the schools.

**Approval of Minutes from Last Meeting**

The minutes from February 17, 2022 were presented, and approved as amended unanimously by the committee.

**2. ACTION ITEMS**

- a. Determine the type of soil being used in the area of the track at site 132-M-W-4 and the amount of fines in it.
- b. Provide an update on solar and sustainability initiatives.

**Review of Action Items from Previous Meeting**

- a. Provide definitions for abbreviations and titles referenced on reports, e.g., COPS, IMPACT, CLASS SIZE, QSCB, SIT, Impact Fees, Capital Improvement Tax, 1½ mill, Local Sources and FISH.

*A Glossary handout (attached) was provided at the meeting and will be included in all future COVE reports.*

- b. Provide a comparison of costs for vertical and horizontal parking.

*Basem Ghneim distributed a handout (attached) that compared surface parking vs. vertical parking and explained how the vertical option is more costly.*

- c. Monitor 3D Printing developments and provide periodic updates to the Committee.

*Nothing to report. It was agreed an update on 3D Printing would be provided on a regular basis.*

- d. Revise Change Order report to include final ODP amount and percentage achieved.

*The Change Order report was changed to indicate the percentage achieved.*

### **3. DEPARTMENT REPORTS**

#### Capital Funding Update

Judith Padres reported that Sales Tax collections through December 2021 are \$181M and 34.4% over the initial projections for the June to December period. When compared to last year's collections through the month of December, the current year revenues are 58.9% higher. The cumulative Collection History report shows the District has collected over \$3.7B from 2003 through the month of December 2021.

Judith reported that as of March 7, 2022, the Impact Fee Collections are \$40.6M. This includes two quarterly payments from the County and seven months from the City of Orlando. Numbers align with the budget of \$61.7M.

- *Chairman Pat Knipe asked why payments were received quarterly and not monthly.*

Judith stated this is based on the agreement with the individual entity, to which Jad Brewer agreed.

- *Doug Kelly asked what the budget was for this year's Sales Tax forecast.*

Judith stated the budget is \$234M.

#### Master Schedule Update

Basem Ghneim briefed the committee on the Capital Program Schedule Summary and stated that the summer 2022 openings including three elementary schools, one middle school, and one K-8 school were on schedule for occupancy prior to the start of school year.

Construction recently started on Water Spring MS (site 65). The District's Capital Program Steering Committee is currently reviewing the Guaranteed Maximum Price (GMP) agreement for Orange Technical College – Orlando, and the project was anticipated to move to construction by the next meeting.

Basem noted that the schedule includes two elementary schools adopting new designs currently in planning, with design commencing in May. The District is also finalizing plans and negotiating design agreements for two functional equity projects and two comprehensive projects.

- *Doug Kelly noted that the schedule indicated nine projects completing construction in the summer of 2024, and asked if this schedule could be delivered.*

Basem responded that the projects were assigned different Construction Managers (CMs) with capability to staff the projects.

#### Project Budget Update

Mark O'Connor reported that there are 14 new and replacement projects in planning, design, and construction with a total budget of \$614M. Since last report, there have not been any budget changes.

- *Pat Knipe questioned why Summerlake ES (closeout phase) had six Construction Change Orders (CCDs) for approximately \$900,000.*



Mark stated that the changes included a significant site work revision during the initial phase of construction where reconfiguration of the site design was needed in response to Orange County review comments.

- *Jeff Hart asked if there were any anticipated budget adjustments.*

Mark stated the budget requirements were being reviewed in conjunction with the annual budget cycle and some projects may need adjustment. Mark specifically identified the sites 47 and 97 elementary school projects as projects where an adjustment would likely be needed.

Mark continued with a review of the comprehensive schools in planning and design, which includes 10 projects with a total budget of \$388M. Similar to new and replacement projects, there have not been any budget changes since the last report.

- *Pat Knipe asked whether the projects included in our plan relied on an extension of the Sales Tax Program, currently scheduled to end in 2025.*

Judith Padres stated that everything reflected in the 10-year plan as adopted is funded, and the plan assumes the Sales Tax Program will end in 2025.

- *Pat Knipe further inquired whether we had Certificates of Participation (COPS) capacity.*

Judith Padres confirmed we have the capacity to borrow.

- *Pat Knipe made a suggestion for Plan B consideration, if the next referendum was not approved.*

Judith Padres stated that plan B will need to be determined and approved by the Board. During the last sales tax renewal process, revenue collections for the upcoming sales tax program were not budgeted until the referendum was approved by the voters.

Next, Mark began his review of the 50 Capital Renewal projects in planning, design and construction, with a total budget of \$273M. There were no budget changes made since the last report.

- *Jeff Hart noted that the majority of projects were mechanical or electrical.*

Basem confirmed and noted that low voltage requirements fall under the electrical category, and these requirements coupled with mechanical and roofing requirements comprised the three main elements that the Capital Renewal program was addressing.

- *Doug Kelly stated that budget variances based on the current market could be safely assumed.*

Basem agreed, but noted that all projects under construction would not be effected by the current market.

- *Doug Kelly asked if the \$154M budget for Capital Renewal projects in planning and design is less than what would actually be paid, and what the funding source would be if costs increase.*

Basem stated budget adjustments were anticipated during the annual budget update, currently underway. Judith Padres stated the funding source would be the capital renewal fund, which is a portion of sales tax that has been set aside specifically for capital renewal.

- *Pat Knipe mentioned the current capital renewal transfer formula is 2.4% of construction cost, and asked if it had been reviewed lately.*

Judith said there has not been a formula revision.

- *Jeff Hart pointed out there is a long lead time for a lot of the equipment, especially roofing which is almost one year out for materials. HVAC components experience eight to nine months lead times.*

Basem stated we are tasking contractors and engineers to identify long lead items for inclusion in early equipment procurement packages to mitigate the impact.

- *Pat Knipe asked if the District set sites aside for expected expansion.*

Jad Brewer explained there were sites in the Apopka/Zellwood area that were pre-purchased, and while one was ultimately not needed, the District received purchase offers above the appraisal.

- *Pat Knipe made an inquiry on the amount of land donated from builders.*

Jad Brewer stated while the District did not receive donated land, a large amount of sites were allocated by developers in exchange for impact fee credits.

- *Jeff Hart noted that when land is provided by developers, the site is not always conducive to our needs and sometimes road development costs are incurred. Jeff questioned why the District and not the developer was responsible for these costs, since the infrastructure should be provided for schools similar to the rest of the development.*

Jad Brewer reported that in general, road improvements are done by the developers. However, additional off-site improvements are frequently required in conjunction with school plan review by the County as the County does not consider the needs of the school site in their development approvals.

- *Pat Knipe asked if there was a way to get in front of this issue.*

Jad Brewer pointed out that a school could be planned and designed at the same time as the infrastructure, such as with sites 89 and 132. However, Basem added that the timeline from a student enrollment perspective is different, and Jad followed up by stating students may not be there until the development is further along.

- *Jeff Hart stated timing is everything, since building the roadway and infrastructure to accommodate the school would dictate the entrance and exits from the school. George Hack added there is the utility capacity for schools such as water and wastewater which can also be a big impact if not properly planned. If properly included in the development plans, there would be significant savings.*

Jad Brewer explained we have been trying to work with developers during their initial planning.

The Closeout report was reviewed by Basem Ghneim who reported that the three elementary schools that required replacement of doors have been completed. Paperwork to close the projects will be completed this month.

In addition, three Capital Renewal projects were removed from the Closeout report, leaving Jones High School and Acceleration East projects which are also expected to be closed this month.

- *Jeff Hart asked for a review of the Capital Renewal Forecast, as it does not show the next bump in funding which would be June 2024, when looking at the budget value.*

Basem reported that the forecast is adjusted monthly to indicate a true comparison between the budget and committed amounts.

- *Pat Knipe asked for the current fund balance to be listed at the top of the report on a monthly basis.*

Basem stated this will be done on future reports.

### Project Status Report

Craig Jackson reviewed the new and replacement projects currently under construction.

- *During the review of site 132-M-W-4, George Hack stated there had been previous complaints of standing water in the middle of the track and questioned the type of soil that was being used, and the amount of fines in it.*

Craig mentioned although not 100% complete, he would report the soil type at the next meeting. He also stated that a drainage system will be provided on the inside of the track.

Craig continued with site 89-E-W-4, stating the roofing membrane was underway and near completion.

- *Jeff Hart questioned as the rainy season is now upon us and with a June completion date, why were we only installing the roof at this time.*

Craig explained there was a roofing material delay. He noted that the contractor intended to assign additional resources to mitigate the delay.

Craig then summarized the status of 50 active capital renewal projects, including 27 large, 18 intermediate, and five small projects currently in progress for improvements at 97 sites. He noted there are 10 projects in construction at 12 sites, including two large, five intermediate and three small projects.

Craig mentioned an LED retrofit project at Glenridge MS addressing every light in the building.

- *Jeff Hart asked whether it was less expensive to replace the whole fixture with LED than simply replacing the ballast and lamping.*

Rory Salimbene noted the District was planning a pilot for some representative projects where pricing for both options would be solicited. Rory noted that when panels are replaced, other code provisions are triggered that require revision to switching, which adds cost.

- *Pat Knipe asked whether projects were experiencing a labor shortage, hold-ups or delays.*

Craig explained the teams seem to manage but it is a constant struggle with each trade experiencing different issues.

- *Doug Kelly asked about an update for solar use.*

Basem explained that, as previously presented to the Committee, a solar pilot project is currently in design. The new OTC West facility, with a construction completion date in late 2023 will have solar panels placed on the entire roof. Once completed, the actual energy generated by the solar panels will be measured to validate the savings.

- *Doug Kelly remembered the last presentation identified cost issues, as well as impact to the roof and roof maintenance, and wondered what the definition of success was.*
- *Pat Knipe asked if this could be brought back for the next meeting.*

Basem stated that additional information will be presented to the Committee at a future meeting.

#### Change Order Report

On behalf of Ed Ames, Tonya Page-Batson presented the data for the month of February 2022 and stated there were no significant change orders for the period. She clarified to members that “Significant Change” was anything over \$200,000.

- *Jeff Hart noted that page 44, item 5, a construction change directive (CCD) for \$350,000 exceeded \$200,000.*

Tonya stated he was correct, and apologized for the error.

- *Pat Knipe asked for additional information regarding the need for additional design services for roofing identified on page 40, item 1.*

Basem Ghneim explained that the Maintenance stakeholder recommended additional scope following review of the program verification report from the designer.

- *Jeff Hart requested additional information regarding page 41, item 7, a requirement for additional design services for recent design guideline updates.*

Basem stated the design guideline updates were primarily upgrades to mechanical systems that improved reliability and efficiency.

- *George Hack asked if design guidelines were available that included highlighting of recent changes, and if the guidelines were available on-line.*

Basem Ghneim reported that each design guideline includes highlighting indicating the most recent change. Design guidelines are not available on-line, but are distributed to all architects and engineers.

Rory added that we are updating individual design guidelines as the need occurs, or as a prototype change is warranted, in lieu of an annual or periodic update. The District includes the Table of Contents of the current version of our design guidelines as an attachment to design agreements to memorialize the version of each guideline to which a project must adhere.

- *Jeff Hart questioned page 43, item 4, and asked for an explanation of the use of the cost escalation allowance of \$200,000 for prototype relief and \$0. Does this provide them authorization to use this allowance?*

Basem Ghneim confirmed Jeff's understanding, and further explained that this is a GMP allowance item. The Construction Change Directive (CCD) authorizes the CM to use the allowance. However, a change order is processed to reconcile the final cost associated with each CCD.

- *George Hack requested the specific scope required by Orange County Utilities for page 44, item 5.*

Basem Ghneim responded that a turn lane was added to off-site requirements for 30-E-SE-3 by the County. The County noted some additional utility relocation and modification requirements associated with the added turn lane during their review of the plans for permitting.

- *Jeff Hart stated page 44, item 6, is indicative of the reason he requested the ODP percentage be identified. This shows we are giving back over \$263K on the ODP change order but still achieved almost 30% of ODP. With a target of 25% that we sometimes struggle to achieve, this excellent result should be noted.*
- *Jeff questioned page 44, item 7, providing a \$199K scope adjustment at Horizon HS to overcome impact of a delayed delivery of brick due to the COVID-19 pandemic.*

Basem explained that the high school façade is a brick veneer. The CM was notified by the manufacturer of the brick veneer that the factory was down due to the COVID-19 pandemic and that there would be an extended delay of the brick delivery. To mitigate the schedule, the contractor proceeded with casting the walls without the brick veneer. Installing the brick to the wall system later resulted in the increased costs.

- *Jeff asked if this project opened this past summer, and was this item a claim on the part of the construction manager.*

Basem Ghneim answered yes to both parts of the question.

- *Jeff Hart questioned page 45, item 10, indicating estimated ODP but returning approximately \$4,000 to the construction manager.*

Basem Ghneim explained that an ODP discrepancy was discovered and corrected.

Discussion continued with RFQs in progress on page 46.

- *Jeff Hart asked why the last two entries were both described as CM Services for Dommerich ES and Maitland MS.*

Tonya stated this was an error and the last item, 2201CM, should be for the Bonneville ES, Legacy MS and Washington Shores PLC Capital Renewal project.

#### **4. PRESENTATIONS**

None.

#### **5. DISCUSSION / ADJOURNMENT**

Chairman Pat Knipe thanked everyone for their time and effort, especially the COVE members for asking very good questions. He reminded everyone that the next scheduled COVE meeting will be held on Thursday, April 21, 2022. He followed by adjourning the meeting.





**The meeting was adjourned at 9:33 a.m.**

**Minutes Authenticated by:**

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**Pat Knipe**  
Chairperson, COVE Committee

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Date of approval

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**Jad Brewer**  
Legal Services, Facilities

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Date of approval

**Attachments:**

Glossary of Terms

Surface Parking vs. Vertical Parking Comparison

**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.

**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.

**Surface Parking vs. Parking Garage**  
 (Comparison Estimate)

	<b>Surface Parking</b>	<b>Parking Garage</b>
Number of Spaces	120 ea	120 ea
Required Land Area	2 acres	1 acre
Land Cost	\$1,000,000	\$500,000
Project Cost	\$1,260,000 \$10,500 per space	\$3,450,000 \$28,800 per space
Total Cost (including land)	<b>\$2,256,000</b> (\$18,800 per space)	<b>\$3,960,000</b> (\$33,000 per space)

**CAPITAL FUNDING UPDATE**

**FY2022 Sales Tax Forecast Compared To Collections  
For Collections Received For The Period June 1, 2021 - May 31, 2022**

	Fiscal Year 2016 Actual Collections	Fiscal Year 2017 Actual Collections	Fiscal Year 2018 Actual Collections	Fiscal Year 2019 Actual Collections	Fiscal Year 2020 Actual Collections	Fiscal Year 2021 Actual Collections	Fiscal Year 2022 Projected Collections	Fiscal Year 2022 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
										<b>June</b>	15,769,023.57	18,341,978.54	19,973,576.12	21,813,615.21	22,925,740.85	13,108,514.28	17,973,762.00
<b>July</b>	19,034,334.41	16,880,799.40	18,849,682.11	20,771,709.20	21,966,782.67	13,655,914.32	17,522,160.00	23,820,626.67	9/28/2021	6,298,466.67	35.95%	12,173,029.20	34.29%	10,164,712.35	74.43%	20,904,522.60	78.11%
<b>August</b>	15,712,985.30	16,467,246.10	18,266,458.15	19,375,685.05	20,607,143.83	13,689,148.23	16,676,281.00	20,150,372.84	10/27/2021	3,474,091.84	20.83%	15,647,121.04	29.99%	6,461,224.61	47.20%	27,365,747.21	67.65%
<b>Quarter - Distribution</b>	2,518,420.23	2,753,007.32	2,915,073.89	3,260,951.68	3,338,213.92	4,014,607.17	3,297,778.00	5,620,308.96	11/5/2021	2,322,530.96	70.43%	17,969,652.00	32.40%	1,605,701.79	40.00%	28,971,449.00	65.15%
<b>Quarter - Total</b>	<b>53,034,763.51</b>	<b>54,443,031.36</b>	<b>60,004,790.27</b>	<b>65,221,961.14</b>	<b>68,837,881.27</b>	<b>44,468,184.00</b>	<b>55,469,981.00</b>	<b>73,439,633.00</b>				<b>17,969,652.00</b>	<b>32.40%</b>			<b>28,971,449.00</b>	<b>65.15%</b>
<b>September</b>	16,661,266.04	17,590,426.20	17,945,849.27	20,029,498.75	20,695,053.51	15,713,676.29	17,535,775.00	21,896,094.64	11/29/2021	4,360,319.64	24.87%	22,329,971.64	30.59%	6,182,418.35	39.34%	35,153,867.35	58.41%
<b>October</b>	16,690,287.20	17,262,095.62	19,857,149.36	21,176,213.36	22,650,186.69	15,709,696.39	18,498,306.00	23,905,772.53	12/27/2021	5,407,466.53	29.23%	27,737,438.17	30.31%	8,196,076.14	52.17%	43,349,943.49	57.12%
<b>November</b>	17,376,140.77	18,502,526.16	21,069,313.79	21,848,769.67	23,121,775.84	16,337,370.31	19,048,823.00	25,794,011.22	1/27/2022	6,745,188.22	35.41%	34,482,626.39	31.19%	9,456,640.91	57.88%	52,806,584.40	57.26%
<b>Quarter - Distribution</b>	2,472,960.60	2,960,461.12	3,172,630.28	3,646,731.75	3,532,907.32	4,523,961.03	3,636,395.00	7,274,990.25	2/18/2022	3,638,595.25	100.06%	38,121,221.64	33.38%	2,751,029.22	60.81%	55,557,613.62	57.42%
<b>Quarter - Total</b>	<b>53,200,654.61</b>	<b>56,315,509.10</b>	<b>62,044,942.70</b>	<b>66,701,213.53</b>	<b>69,999,923.36</b>	<b>52,284,704.02</b>	<b>58,719,299.00</b>	<b>78,870,868.64</b>				<b>38,121,221.64</b>	<b>33.38%</b>			<b>55,557,613.62</b>	<b>57.42%</b>
<b>First 1/2 Year Total</b>	<b>106,235,418.12</b>	<b>110,758,540.46</b>	<b>122,049,732.97</b>	<b>131,923,174.67</b>	<b>138,837,804.63</b>	<b>96,752,888.02</b>	<b>114,189,280.00</b>	<b>152,310,501.64</b>				<b>38,121,221.64</b>	<b>33.38%</b>			<b>55,557,613.62</b>	<b>57.42%</b>
<b>December</b>	19,834,046.86	20,131,048.05	22,917,543.47	23,379,046.84	25,393,825.04	17,165,676.25	20,487,595.00	28,708,775.78	2/28/2022	8,221,180.78	40.13%	46,342,402.42	34.41%	11,543,099.53	67.25%	67,100,713.15	58.90%
<b>January</b>	16,719,170.09	17,580,911.73	20,407,250.45	21,073,610.65	23,118,850.52	15,817,302.05	18,645,478.00	23,523,330.40	3/28/2022	4,877,852.40	26.16%	51,220,254.82	33.41%	7,706,028.35	48.72%	74,806,741.50	57.66%
<b>February</b>	17,752,007.93	18,459,672.74	20,510,583.92	21,507,566.51	21,922,090.76	17,365,548.70	18,889,521.00			0.00	0.00%	-	0.00%	0.00	0.00%	-	0.00%
<b>Quarter - Distribution</b>	2,763,706.36	3,066,413.56	3,421,591.03	3,452,049.34	4,004,205.61	4,909,457.20	3,842,118.00			0.00	0.00%	-	0.00%	0.00	0.00%	-	0.00%
<b>Quarter - Total</b>	<b>57,068,931.24</b>	<b>59,238,046.08</b>	<b>67,256,968.87</b>	<b>69,412,273.34</b>	<b>74,438,971.93</b>	<b>55,257,984.20</b>	<b>61,864,712.00</b>	<b>52,232,106.18</b>				<b>-</b>	<b>0.00%</b>	<b>0.00</b>	<b>0.00%</b>	<b>-</b>	<b>0.00%</b>
<b>3/4 Year Total</b>	<b>163,304,349.36</b>	<b>169,996,586.54</b>	<b>189,306,701.84</b>	<b>201,335,448.01</b>	<b>213,276,776.56</b>	<b>152,010,872.22</b>	<b>176,053,992.00</b>	<b>204,542,607.82</b>				<b>-</b>	<b>0.00%</b>			<b>-</b>	<b>0.00%</b>
<b>March</b>	20,792,518.26	21,849,939.83	24,249,252.64	25,501,978.07	16,298,832.30	23,660,893.34	20,339,436.00			0.00	0.00%	-	0.00%	0.00	0.00%	-	0.00%
<b>April</b>	17,300,074.54	19,885,162.89	21,040,913.91	22,737,565.78	9,524,263.99	21,512,381.59	16,708,046.00			0.00	0.00%	-	0.00%	0.00	0.00%	-	0.00%
<b>May</b>	17,002,486.22	19,150,452.99	19,768,693.34	21,730,574.93	11,135,296.15	21,709,814.95	16,957,070.00			0.00	0.00%	-	0.00%	0.00	0.00%	-	0.00%
<b>Quarter - Distribution</b>	5,624,980.39	2,991,334.50	3,283,686.58	3,151,331.98	3,730,010.87	4,753,904.02	3,615,157.00			0.00	0.00%	-	0.00%	0.00	0.00%	-	0.00%
<b>Quarter - Total</b>	<b>60,720,059.41</b>	<b>63,876,890.21</b>	<b>68,342,546.47</b>	<b>73,121,450.76</b>	<b>40,688,403.31</b>	<b>71,636,993.90</b>	<b>57,619,709.00</b>	<b>-</b>				<b>-</b>	<b>0.00%</b>	<b>0.00</b>	<b>0.00%</b>	<b>-</b>	<b>0.00%</b>
<b>Second 1/2 Year Total</b>	<b>117,788,990.65</b>	<b>123,114,936.29</b>	<b>135,599,515.34</b>	<b>142,533,724.10</b>	<b>115,127,375.24</b>	<b>126,894,978.10</b>	<b>119,484,421.00</b>	<b>52,232,106.18</b>				<b>-</b>	<b>0.00%</b>			<b>-</b>	<b>0.00%</b>
<b>Annual Total</b>	<b>\$ 224,024,408.77</b>	<b>\$ 233,873,476.75</b>	<b>\$ 257,649,248.31</b>	<b>\$ 274,456,898.77</b>	<b>\$ 253,965,179.87</b>	<b>\$ 223,647,866.12</b>	<b>\$ 233,673,700.00</b>	<b>\$ 204,542,607.82</b>				<b>-</b>	<b>0.00%</b>			<b>-</b>	<b>0.00%</b>

## Orange County Public Schools Sales Tax Collection History

<b>Fiscal Year</b>	<b>Amount</b>
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	274,456,898.77
2020	253,965,179.87
2021	223,647,866.12
2022	204,542,607.82 *
<b>Total</b>	<b>3,734,320,304.83</b>

\* Amount collected thru January 2022

## Impact Fees Collections

	FY18	FY19	FY20	FY21	FY22
July	349,217	(1,356,434)	(791,922)	(15,459)	(1,326,589)
August	629,981	1,544,905	1,642,692	3,021,080	2,198,714
September	131,760	4,802,716	6,418,111	4,902,480	282,676
October	2,850,348	12,782,279	5,018,829	11,324,673	15,541,805
November	19,668,647	764,538	11,783,397	744,321	3,824,286
December	661,202	544,774	531,273	1,049,444	2,896,867
January	2,115,374	14,550,401	1,435,048	56,625	14,137,661
February	9,137,939	3,319,118	11,250,567	3,010,120	3,056,570
March	7,378,253	929,755	1,613,436	3,125,497	2,347,260
April	11,329,735	11,439,392	10,735,683	6,887,734	(766,343)
May	6,268,232	674,261	2,027,236	5,720,199	
June	18,571,747	14,645,906	14,200,335	21,268,703	
<b>Total</b>	<b>79,092,436</b>	<b>64,641,613</b>	<b>65,864,685</b>	<b>61,095,416</b>	<b>42,192,907</b>

As of 4-8-22

### Capital Funds Cash Flow

9-Apr-22

**Capital Renewal**

	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Beginning Fund Balance <sup>1</sup>	640,408,108	580,843,283	349,796,347	244,755,301	153,744,860	2,141,133	0	0	0	0
Estimated Revenues <sup>2</sup>										
Transfer In Sales Tax <sup>3</sup>	0	71,518,996	87,058,954	94,289,559	102,096,273	107,484,774	0	0	0	0
<i>Total Estimated Revenues</i>	0	71,518,996	87,058,954	94,289,559	102,096,273	107,484,774	0	0	0	0
Estimated Expenses										
Capital Renewal Program	59,564,825	302,565,933	192,100,000	185,300,000	253,700,000	109,625,907	0	0	0	0
<i>Total Estimated Expenses</i>	59,564,825	302,565,933	192,100,000	185,300,000	253,700,000	109,625,907	0	0	0	0
Estimated Ending Fund Balance	580,843,283	349,796,347	244,755,301	153,744,860	2,141,133	0	0	0	0	0

**Impact Fees**

	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Beginning Fund Balance <sup>1</sup>	110,873,168	110,715,007	47,296,011	106,092,847	147,362,005	182,562,455	161,851,409	107,756,152	118,534,043	179,282,513
Estimated Revenues <sup>2</sup>										
Impact Fee Revenues	26,044,147	70,707,929	71,415,008	72,129,158	72,850,449	73,578,954	74,314,743	75,057,891	75,808,470	76,566,555
<i>Total Estimated Revenues</i>	26,044,147	70,707,929	71,415,008	72,129,158	72,850,449	73,578,954	74,314,743	75,057,891	75,808,470	76,566,555
Estimated Expenses										
Additional Schools	26,202,308	134,126,925	12,618,171	30,860,000	37,650,000	94,290,000	128,410,000	64,280,000	5,060,000	0
Site Acquisition	0	0	0	0	0	0	0	0	10,000,000	10,000,000
<i>Total Estimated Expenses</i>	26,202,308	134,126,925	12,618,171	30,860,000	37,650,000	94,290,000	128,410,000	64,280,000	15,060,000	10,000,000
Estimated Ending Fund Balance	110,715,007	47,296,011	106,092,847	147,362,005	182,562,455	161,851,409	107,756,152	118,534,043	179,282,513	245,849,067

<sup>1</sup>The FY 2022 beginning fund balance is as of 4/9/22. 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 12 months.

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

<sup>3</sup>Capital Renewal Transfer is subject to change based on actual expenses



### Capital Funds Cash Flow

9-Apr-22

#### Sales Tax (Original Program)

	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Beginning Fund Balance <sup>1</sup>	5,089,403	3,981,388	0	0	0	0	0	0	0	0
Estimated Revenues <sup>2</sup>										
Sales Tax Revenues	0	0	0	0	0	0	0	0	0	0
<i>Total Estimated Revenues</i>	0	0	0	0	0	0	0	0	0	0
Estimated Expenses										
Comprehensive Needs	1,108,015	3,981,388	0	0	0	0	0	0	0	0
<i>Total Estimated Expenses</i>	1,108,015	3,981,388	0	0	0	0	0	0	0	0
Estimated Ending Fund Balance	3,981,388	0	0	0	0	0	0	0	0	0

#### Sales Tax (Renewal)

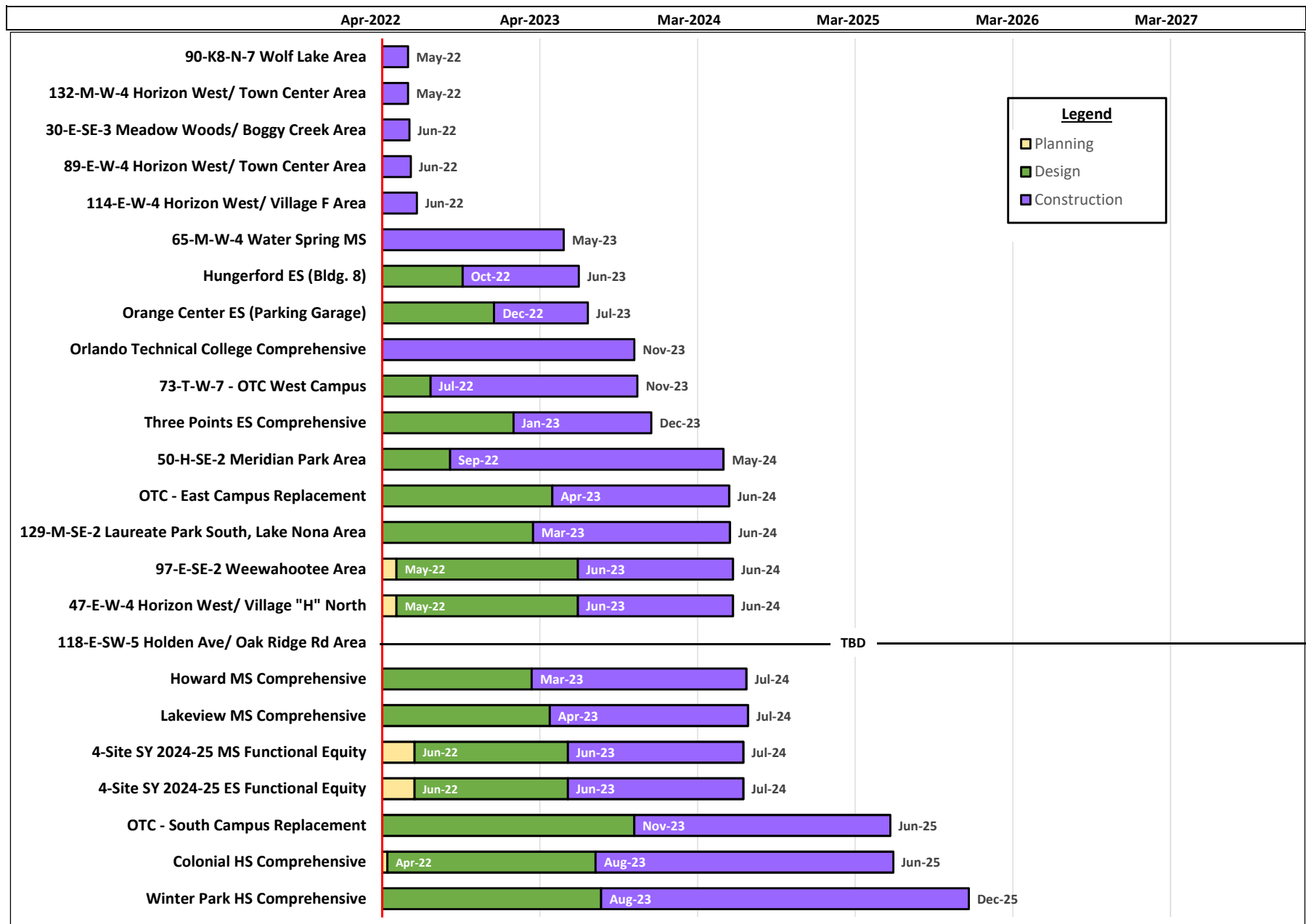
	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Beginning Fund Balance <sup>1</sup>	524,704,775	576,006,426	218,948,878	388,261,636	515,615,931	465,102,366	338,717,592	338,717,592	338,717,592	338,717,592
Estimated Revenues <sup>2</sup>										
Sales Tax Revenues	102,378,802	320,425,952	332,281,712	344,243,854	178,318,316		0	0	0	0
<i>Total Estimated Revenues</i>	102,378,802	320,425,952	332,281,712	344,243,854	178,318,316	0	0	0	0	0
Estimated Expenses										
Comprehensive Needs	42,992,915	206,846,794	0	7,500,000	0	0	0	0	0	0
Pre 2003 Sales Tax Facilities	5,087,236	214,761,707	74,400,000	115,100,000	124,635,608	0	0	0	0	0
Functional Equity	1,214,718	47,944,154	0	0	2,100,000	18,900,000		0	0	0
Site Acquisition	360	1,079	0	0	0	0	0	0	0	0
Additional Schools	1,711,574	136,199,722	1,510,000	0	0	0	0	0	0	0
Digital Curriculum	70,349	211,048	0	0	0	0	0	0	0	0
Capital Renewal Transfer	0	71,518,996	87,058,954	94,289,559	102,096,273	107,484,774		0	0	0
<i>Total Estimated Expenses</i>	51,077,151	677,483,500	162,968,954	216,889,559	228,831,881	126,384,774	0	0	0	0
Estimated Ending Fund Balance	576,006,426	218,948,878	388,261,636	515,615,931	465,102,366	338,717,592	338,717,592	338,717,592	338,717,592	338,717,592

<sup>1</sup>The FY 2022 beginning fund balance is as of 4/9/22. 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 12 months.

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

**MASTER SCHEDULE UPDATE**

# Capital Program Schedule Summary



# Capital Program Schedule Summary

## Variance Report

Project	Design NTP	Construction NTP	Substantial Completion	Explanations
4-Site SY 2024-25 MS Functional Equity	-112 days			Lengthier planning phase; scope revised to 3-sites based on latest enrollment projections
4-Site SY 2024-25 ES Functional Equity	-112 days			Lengthier planning phase; scope revised to 3-sites based on latest enrollment projections
Colonial HS Comprehensive	-28 days	-29 days		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**  
 April 21, 2022

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 2022 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					#	Deducts	#			
Budget																			Schedule				Contracting	
<b>PLANNING PHASE</b>																								
Impact	New	Site 47-E-W-4	29,100,000	-	29,100,000	29,100,000	-																	
Impact	New	Site 97-E-SE-2	29,100,000	-	29,100,000	29,100,000	-																	
Impact	New	Site 118-E-SW-5	29,100,000	-	29,100,000	29,100,000	-																	
		<b>Sub Total</b>	<b>87,300,000</b>	<b>-</b>	<b>87,300,000</b>	<b>87,300,000</b>	<b>-</b>																	
<b>DESIGN PHASE</b>																								
Impact	New	Site 50-H-SE-2	167,465,000	-	167,465,000	167,465,000	-										CORE	Zyscovich						
Impact	New	Site 129-M-SE-2	48,540,000	-	48,540,000	48,540,000	-										Walker	Schenkel						
Sales Tax		Hungerford ES (renov Bldg 8)	4,500,000	-	4,500,000	4,500,000	-										Johnson Laux	Schenkel						
Sales Tax	135	Site 512-T-E-1 (OTC East Campus)	45,324,000	-	45,324,000	45,324,000	-										CPPI	DLR Group						
Sales Tax	134	Site 73-T-W-7 (OTC West Campus)	54,510,000	-	54,510,000	54,510,000	-										Wharton	DLR Group						
		<b>Sub Total</b>	<b>320,339,000</b>	<b>-</b>	<b>320,339,000</b>	<b>320,339,000</b>	<b>-</b>																	
<b>CONSTRUCTION PHASE</b>																								
Impact	New	Site 30-E-SE-3	27,160,000	-	27,160,000	26,625,000	535,000	21,446,642	459,293	4	(5,348,050)	1	7/6/2021	6/3/2022		GMP	Pirtle	Zyscovich						
Impact	New	Site 89-E-W-4	23,236,000	-	23,236,000	23,236,000	-	18,958,413	(9,287)	1	(6,032,561)	2	6/25/2021	6/6/2022		GMP	Welbro	Schenkel						
Impact	New	Site 114-E-W-4	28,160,000	-	28,160,000	28,032,000	128,000	23,414,093	-		(7,053,523)	2	6/29/2021	6/17/2022		GMP	Williams	BRPH						
Impact	New	Site 132-M-W-4	41,341,000	-	41,341,000	40,658,000	683,000	33,517,251	(163,579)	2	(10,042,028)	2	2/2/2021	5/31/2022		GMP	Welbro	Hunton Brady						
Impact	New	Water Spring MS (Site 65-M-W-4)	50,480,000	-	50,480,000	50,480,000	-	42,828,832	-		(2,758,688)	1	1/27/2022	5/26/2023		GMP	CORE	Harvard Jolly						
Sales Tax	New	Site 90-K8-N-7	36,284,000	-	36,284,000	36,197,000	87,000	28,521,196	-		(8,555,000)	2	2/3/2021	5/31/2022		GMP	Wharton	Zyscovich						
		<b>Sub Total</b>	<b>206,661,000</b>	<b>-</b>	<b>206,661,000</b>	<b>205,228,000</b>	<b>1,433,000</b>	<b>168,686,427</b>	<b>286,427</b>	<b>7</b>	<b>(39,789,850)</b>	<b>10</b>												
<b>CLOSE OUT PHASE</b>																			<b>Actual</b>					
Impact	New	Lake Buena Vista HS (Site 80-H-SW-4)	115,040,000	-	115,040,000	115,040,000	-	95,607,634	244,522	4	(23,659,805)	4	9/17/2019	6/4/2021	321	GMP	Pirtle	Schenkel						
Impact	New	Summerlake ES (Site 85-E-W-4)	23,376,000	-	23,376,000	23,376,000	-	17,900,162	897,131	6	(4,900,923)	3	7/24/2019	7/28/2020	632	GMP	OHL	Rhodes + Brito						
Impact	New	Sunshine ES (Site 20-E-SW-4)	24,030,000	-	24,030,000	24,030,000	-	19,866,684	129,652	5	(5,082,351)	2	5/17/2019	6/15/2020	675	GMP	CORE	Rhodes + Brito						
Impact	New	Vista Pointe ES (Site 83-E-SE-3)	25,072,000	-	25,072,000	25,072,000	-	21,750,095	41,453	4	(4,721,795)	2	7/1/2019	7/17/2020	643	GMP	CPPI	Rhodes + Brito						
Sales Tax	New	Horizon HS (Site 113-H-W-4)	111,198,000	-	111,198,000	111,198,000	-	91,839,192	930,343	8	(24,956,854)	11	10/30/2019	2/7/2022	73	GMP	Wharton	Schenkel						
Sales Tax		Magnolia School and Silver Pines Academy K-12 Learning Center	46,849,000	-	46,849,000	46,849,000	-	38,630,833	112,465	6	(9,657,708)	1	7/3/2019	8/11/2021	253	GMP	CPPI	Harvard Jolly						
Sales Tax	New	Village Park ES (Site 43-E-SE-2)	25,160,000	-	25,160,000	25,160,000	-	20,591,705	(37,238)	3	(5,065,829)	2	7/1/2020	6/17/2021	308	GMP	Pirtle	Rhodes + Brito						
		<b>Sub Total</b>	<b>370,725,000</b>	<b>-</b>	<b>370,725,000</b>	<b>370,725,000</b>	<b>-</b>	<b>306,186,305</b>	<b>2,318,328</b>	<b>36</b>	<b>(78,045,265)</b>	<b>25</b>												
<b>Grand Total</b>			<b>985,025,000</b>	<b>-</b>	<b>985,025,000</b>	<b>983,592,000</b>	<b>1,433,000</b>	<b>474,872,732</b>	<b>2,604,755</b>	<b>43</b>	<b>(117,835,115)</b>	<b>35</b>												

**Footnotes**

- F1 - Reflects amount from the 10yr Capital Budget dated September 14, 2021.
- F2 - Reflects changes to the FY 2022 adopted budget.
- F3 - Amount comprised of prior year expenditures, current and future planned funding (Adopted Summary Budget FY 2022). 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: Resumption of design activities related to the renovation of Building 8.

**Completion Delays**

None

**Projects Closed Since Last Report**

None

**Final Budget Variance**

**Final ODP %**

**Close Out Delays**

- Lake Buena Vista HS (Site 80-H-SW-4) – Completion of closeout deliverables, reconciliation of final project costs, and the completion of an announcer's booth required. Projected date of closeout is June 2022.
- Summerlake ES (Site 85-E-W-4) – Reconciliation of final project costs required. Projected date of closeout is April 2022.
- Sunshine ES (Site 20-E-SW-4) – Reconciliation of final project costs required. Projected date of closeout is April 2022.
- Vista Pointe ES (Site 83-E-SE-3) – Reconciliation of final project costs required. Projected date of closeout is April 2022.
- Magnolia School and Silver Pines Academy K-12 Learning Center - Completion of closeout deliverables and reconciliation of final project costs required. Projected date of closeout is June 2022.
- Village Park ES (Site 43-E-SE-2) – Reconciliation of final project costs required. Projected date of closeout is April 2022.



PROJECT STATUS SUMMARY REPORT

COMPREHENSIVE SCHOOLS

April 21, 2022

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 2022 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						
<b>PLANNING PHASE</b>																		
Sales Tax		4-Site SY 2024-25 MS Functional Equity	30,782,000	-	30,782,000	30,782,000	-											
Sales Tax		4-Site SY 2024-25 ES Functional Equity	24,918,000	-	24,918,000	24,918,000	-											
Sales Tax		Colonial HS	43,931,000	-	43,931,000	43,931,000	-											
		<b>Sub Total</b>	<b>99,631,000</b>	<b>-</b>	<b>99,631,000</b>	<b>99,631,000</b>	<b>-</b>											
<b>DESIGN PHASE</b>																		
Sales Tax		Howard MS	36,622,000	-	36,622,000	36,622,000	-										Lego	Rhodes + Brito
Sales Tax		Lakeview MS	37,772,000	-	37,772,000	37,772,000	-										Wharton	Song + Assoc.
Sales Tax	133	OTC South Campus	69,998,000	-	69,998,000	69,998,000	-										Williams	Harvard Jolly
Sales Tax		Three Points ES	21,057,000	-	21,057,000	21,057,000	-										OHL	C.T. Hsu
CIT		Orange Center ES (Parking Garage)	3,446,000	-	3,446,000	3,446,000	-										McCree	Baker Barrios
Sales Tax		Winter Park HS	75,377,000	-	75,377,000	75,377,000	-										CPPI	C.T. Hsu
		<b>Sub Total</b>	<b>244,272,000</b>	<b>-</b>	<b>244,272,000</b>	<b>244,272,000</b>	<b>-</b>											
<b>CONSTRUCTION PHASE</b>																		
Sales Tax	136	Orange Technical College	44,520,000	-	44,520,000	44,520,000	-	33,641,632	-	-	-	3/24/2022	11/6/2023				Gilbane	Harvard Jolly
		<b>Sub Total</b>	<b>44,520,000</b>	<b>-</b>	<b>44,520,000</b>	<b>44,520,000</b>	<b>-</b>	<b>33,641,632</b>	<b>-</b>	<b>-</b>	<b>-</b>							
<b>CLOSE OUT PHASE</b>														<b>Actual</b>				
Sales Tax	132	Meadow Woods MS	23,504,000	-	23,504,000	23,504,000	-	15,747,456	92,146	7	(2,872,597)	2	1/31/2020	9/29/2021	204	GMP	Wharton Smith	C.T. Hsu
		<b>Sub Total</b>	<b>23,504,000</b>	<b>-</b>	<b>23,504,000</b>	<b>23,504,000</b>	<b>-</b>	<b>15,747,456</b>	<b>92,146</b>	<b>7</b>	<b>(2,872,597)</b>	<b>2</b>						
<b>Grand Total</b>			<b>411,927,000</b>	<b>-</b>	<b>411,927,000</b>	<b>411,927,000</b>	<b>-</b>	<b>49,389,088</b>	<b>92,146</b>	<b>7</b>	<b>(2,872,597)</b>	<b>2</b>						

Footnotes

- F1 - Reflects amount from the 10yr Capital Budget dated September 14, 2021.
- F2 - Reflects changes to the FY 2022 adopted budget.
- F3 - Amount comprised of prior year expenditures, current and future planned funding (Adopted Summary Budget FY 2022). 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.

Multiple Sites Projects

- 4-Site SY 2024-25 MS Functional Equity includes improvements at 4 sites: Apopka MS, College Park MS, Hunters Creek MS, and Westridge MS
- 4-Site SY 2024-25 ES Functional Equity includes improvements at 4 sites: Dr. Phillips ES, Hunters Creek ES, Lakeville ES, and Whispering Oak ES.

Completion Delays

None

Projects Closed Since Last Report

None

Final Budget Variance

Final ODP %

Close Out Delays

Meadow Woods MS - Reconciliation of final project costs required. Projected date of close-out is April 2022.







Project Status Summary Report

Capital Renewal Projects (Note 1)

April 21, 2022

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				
<b>Budget</b>																															
<b>CONSTRUCTION PHASE</b>																															
Blankner K8	21-Yr	N0117.0	Sm	✓												300,000	-	300,000	300,000	-	92,610	-	-	-	-	09/09/21	06/30/22		TERM SERV	Varsity Courts	N/A
Boone HS	22-Yr	N0031.7	Int						✓							615,000	-	615,000	615,000	-	534,385	-	-	-	-	09/29/21	07/22/22		TERM SERV	Trane	N/A
Chain of Lakes MS	24-Yr	N0076.1	Int						✓			✓				1,036,000	-	1,036,000	1,036,000	-	722,255	-	-	-	-	03/11/22	01/30/23		GMP	Trane	SGM
Chiller R'newal at 02-Sites	-	N0134.0	Int						✓							1,038,000	-	1,038,000	1,038,000	-	905,935	-	-	-	-	09/22/21	06/30/22		TERM SERV	Trane	N/A
Chiller Repl at 02-Sites	-	N0148.0	Int						✓							944,000	-	944,000	944,000	-	317,780	-	-	-	-	10/27/21	07/29/22		TERM SERV	Trane	N/A
Glenridge MS	19-Yr	N0088.0	Lg	✓					✓	✓		✓				8,516,000	-	8,516,000	8,516,000	-	7,016,572	-	-	(1,110,298)	1	11/08/21	07/12/22		GMP	T&G	SGM
Jones HS	18-Yr	N0059.6	Sm						✓							85,000	-	85,000	85,000	-	41,465	-	-	-	-	09/27/21	12/15/21		GMP	Trane	Bobes Associate
Lakeview MS	22-Yr	N0102.1	Lg		✓											3,120,000	-	3,120,000	3,120,000	-	2,681,000	-	-	-	-	02/23/22	08/18/23		GMP	TERM SERV	Gale
Ocoee MS	23-Yr	N0026.5	Int									✓				425,000	-	425,000	425,000	-	360,748	-	-	-	-	10/22/20	04/29/22		TERM SERV	Red Hawk	N/A
Timber Creek HS	23-Yr	N0037.4	Sm		✓							✓	✓			114,000	41,000	155,000	155,000	-	143,834	-	-	-	-	10/21/21	07/29/22		TERM SERV	Ovation	N/A
Wolf Lake MS	16-Yr	N0086.0	Int						✓							3,145,000	-	3,145,000	3,145,000	-	1,739,129	-	-	(157,692)	2	09/24/21	04/06/22		GMP	Wharton Smith	SGM
<b>SUBTOTAL (Construction)</b>		<b>11 Projects</b>	<b>13 Sites</b>													<b>19,338,000</b>	<b>41,000</b>	<b>19,379,000</b>	<b>19,379,000</b>	<b>-</b>	<b>14,555,713</b>	<b>-</b>	<b>-</b>	<b>(1,267,990)</b>	<b>3</b>						
<b>SUBTOTAL (Active)</b>		<b>51 Projects</b>	<b>105 Sites</b>													<b>270,703,000</b>	<b>6,169,000</b>	<b>276,872,000</b>	<b>276,872,000</b>	<b>-</b>	<b>14,555,713</b>	<b>-</b>	<b>-</b>	<b>(1,267,990)</b>	<b>3</b>						
<b>CLOSE-OUT</b>																															
Acceleration East	20-Yr	N0084.0	Lg		✓				✓							3,161,000	-	3,161,000	3,161,000	-	2,619,156	-	-	(564,883)	1	12/13/19	07/21/21	274	GMP	Clancy & Theys	MLM-Martin
Jones HS	18-Yr	N0059.2	Lg	✓			✓	✓	✓	✓		✓		✓		16,432,000	-	16,432,000	16,432,000	-	14,274,696	-	-	(1,877,851)	2	12/03/19	05/13/21	343	GMP	McCree	KBJ
<b>SUBTOTAL (Close-Out)</b>		<b>2 Projects</b>	<b>2 Sites</b>													<b>19,593,000</b>	<b>-</b>	<b>19,593,000</b>	<b>19,593,000</b>	<b>-</b>	<b>16,893,852</b>	<b>-</b>	<b>-</b>	<b>(2,442,733)</b>	<b>3</b>						
<b>GRAND TOTAL</b>		<b>273 Projects</b>	<b>127 Sites</b>																												

**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**  
 Jones HS (N0059.6) - Project completion delayed due to extended lead times for HVAC equipment resulting from disruption in the material/equipment supply chain.  
 Wolf Lake MS (N0086.0) - Project completion delayed due to extended lead times for HVAC equipment resulting from disruption in the material/equipment supply chain.

**Projects Closed Since Last Report**      **Final Budget Variance**      **Final ODP %**  
 None

**Close Out Delays**  
 Acceleration East (N0084.0) – Reconciliation of final project costs required. Projected date of close-out is May 2022.  
 Jones HS (N0059.2) - Reconciliation of final project costs required. Projected date of close-out is April 2022.



Project Status Summary Report

Capital Renewal Projects (Note 1)

April 21, 2022

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				

Location	Project Number	Size	Explanation of Project Budget Changes
<b>PLANNING PHASE</b>			
FY22 Low Voltage CCTV at 18-Sites	N0158.0	Lg	Added project
<b>DESIGN PHASE</b>			
Chiller Replacement at 02-Sites	N0101.0	Lg	Project budget updated to reflect competitively priced construction documents.
<b>CONSTRUCTION PHASE</b>			
Timber Creek HS	N0037.4	Sm	Project budget updated to reflect competitively priced construction documents.

**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 [19] and Lake Sybelia ES [13].
- N0102.0 consists of select roof replacement at 3 campuses: Sadler ES [37], Windermere ES [16], and Windy Ridge K8 [16].
- N0103.0 consists of select roof replacement at 2 campuses: Avalon MS [16] and Meadowbrook MS [17].
- N0105.0 consists of select HVAC replacement at 5 campuses: Castle Creek ES [16], Columbia ES [15], West Oaks ES [18], Windermere ES [16], and Wolf Lake ES [16].
- N0120.0 consists of intrusion detection, fire alarm, intercom, and/ or security camera replacement at 38 campuses: Apopka ES [9]; Baldwin Park ES [15]; Blankner K8 [21]; Bridgewater MS [15]; Dillard St ES [18]; Eagle's Nest ES [19]; East Lake ES [17]; East River HS [13]; Evans HS [12]; Freedom HS [19]; Freedom MS [17]; Killarney ES [13]; Lake Nona HS [13]; Lakeville ES [23]; Legacy MS [17]; Liberty MS [17]; Maitland MS [13]; McCoy ES [17]; Meadowbrook MS [17]; Memorial MS [14]; Ocoee HS [17]; OTC-Avalon Campus [14]; Ridgewood Park ES [16]; Riverdale ES [24]; Sadler ES [37]; Sand Lake ES [17]; South Creek MS [16]; Timber Lakes ES [14]; Union Park MS [16]; Waterbridge ES [12]; Waterford ES [14]; West Oaks ES [18]; West Orange HS [14]; Windermere ES [16]; Windy Ridge K8 [16]; Wolf Lake ES [16]; Wolf Lake MS [16]; Wyndham Lakes ES [16].
- N0123.0 consists of exterior painting at 26 campuses: Acceleration East [20]; Aloma ES [10]; Apopka 9GC [27]; Apopka HS [14]; Azalea Park ES [11]; Cypress Springs ES [11]; Edgewater HS [12]; Evans HS [12]; Forsyth Woods ES [12]; Hunters Creek MS [29]; Lake Sybelia ES [13]; Lancaster ES [11]; Metrowest ES [10]; Princeton ES [11]; Rock Springs ES [11]; Sadler ES [37]; Sand Lake ES [17]; Shenandoah ES [15]; South Creek MS [16]; Southwood ES [25]; Sunridge ES [10]; Sunridge MS [10]; Westridge MS [11]; Wetherbee ES [11]; Wyndham Lakes ES [16]; Zellwood ES [11].
- N0125.0 consists of select HVAC replacement at 2 campuses: Dillard Street ES [18] and Hiwassee ES [19].
- N0130.0 consists of cooling tower refurb at 2 campuses: Edgewater HS [12] and Piedmont Lakes MS [29].
- N0134.0 consists of chiller R'newal at 2 campuses: Discovery MS [26] and Piedmont Lakes MS [29].
- N0137.0 consists of multi-system improvements at 2 campuses: Dommerich ES [13] and Maitland MS [13].
- N0139.0 consists of select HVAC replacement at 2 campuses: Wekiva HS [15] and West Orange HS [14].
- N0140.0 consists of select HVAC replacement at 2 campuses: East River HS [13] and Lake Nona HS [13].
- N0142.0 consists of multi-system improvements at 5 campuses: Columbia ES [15]; Moss Park ES [15]; Stone Lakes ES [16]; Vista Lakes ES [16]; West Creek ES [18].
- N0147.0 consists of select HVAC replacement at 7 campuses: Baldwin Park ES [15]; Eagle's Nest ES [19]; McCoy ES [17]; Millennia ES [16]; Whispering Oak ES [17]; Wyndham Lakes ES [16].
- N0148.0 consists of chiller replacement at 2 campuses: Lawton Chiles ES [23]; Liberty MS [17].
- N0151.0 consists of chiller replacement at 4 campuses: Killarney ES [13]; Robinswood MS [14]; Timber Lakes ES [14]; Walker MS [12].
- N0153.0 consists of LED retrofit at 6 campuses: Acceleration East [20]; Apopka 9GC [27]; Blankner K8 [21]; Freedom MS [17]; Legacy MS [17]; Positive Pathways [20].
- N0154.0 consists of LED retrofit at 11 campuses: Andover ES [17]; Dillard St ES [18]; Eagle's Nest ES [19]; East Lake ES [17]; Hiwassee ES [19]; McCoy ES [17]; Orlo Vista ES [18]; Sand Lake ES [17]; West Creek ES [18]; West Oaks ES [18]; Whispering Oak ES [17].
- N0158.0 consists of CCTV security cameras replacement at 18 campuses: Arbor Ridge K8 [10]; Avalon MS ES [16]; Castle Creek ES [16]; Catalina ES [15]; Colonial 9GC [21]; Eccleston ES [9]; Forsyth Woods ES [12]; Keene's Crossing [13]; Lake Nona MS [11]; Lancaster ES [11]; Lockhart MS [14]; Palm Lake ES [13]; Pinewood ES [25]; Princeton ES [11]; Shenandoah ES [15]; Sunridge ES [10]; Walker MS [12]; Washington Shores PLC [16].

**Justification for projects at schools with weighted (Wt'd) age less than 10-years:**

- N0120.0 - The multi-site project includes work at Apopka ES with a weighted age of 9 years. The scope at this campus is limited to replacement of the existing intercom which is beyond its useful life and non-serviceable.
- N0158.0 - The multi-site project includes work at Eccleston ES with a weighted age of 9 years. The scope at this campus is limited to replacement of the existing CCTV security cameras which is beyond its useful life and non-serviceable.



## OCPS MASTER CLOSEOUT REPORT

### CAPITAL PROJECTS

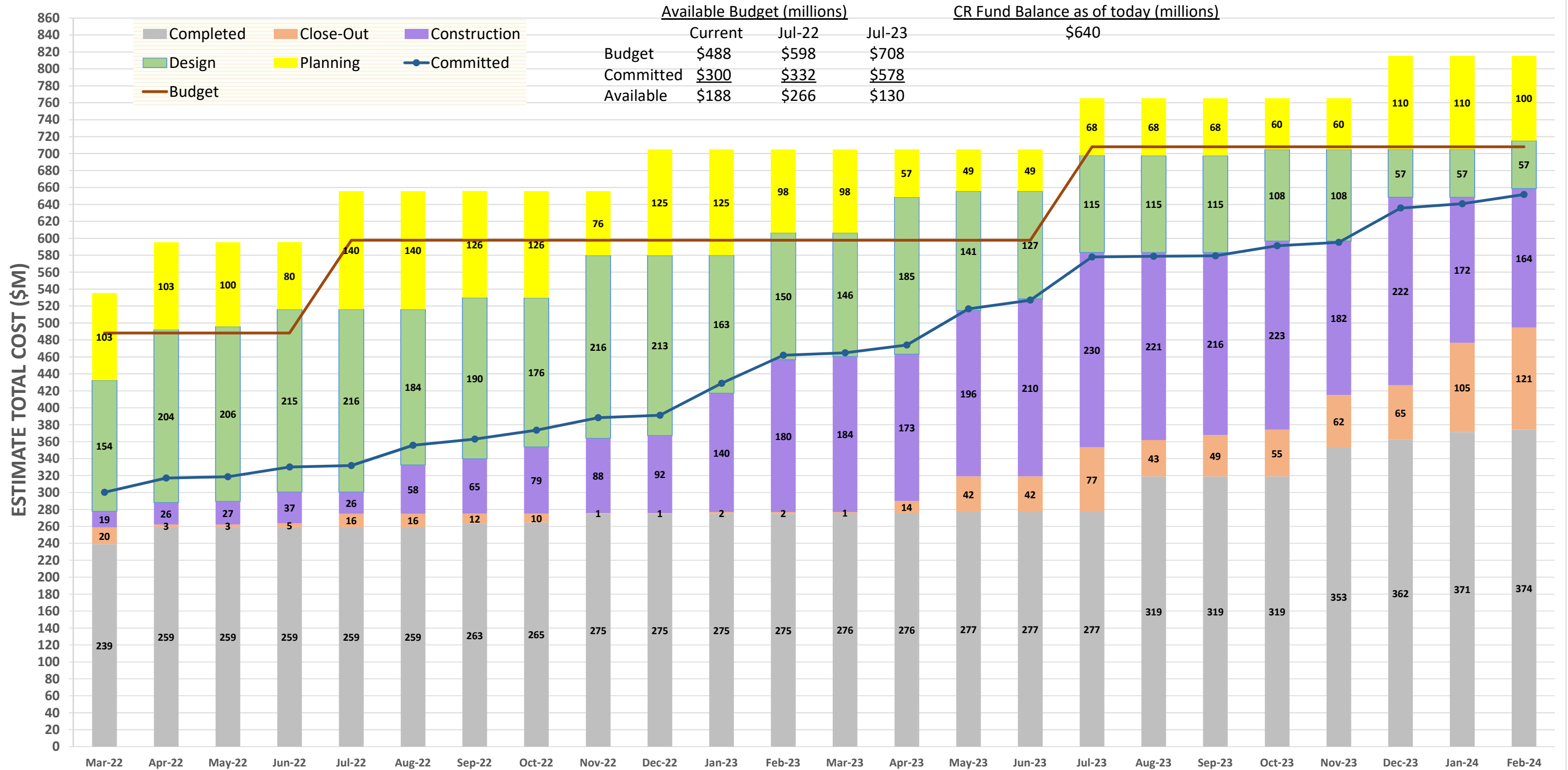
### CAPITAL RENEWAL

	Sunshine ES	Vista Pointe ES	Summerlake ES	Lake Buena Vista HS	Village Park ES	Magnolia School & Silver Pines Academy	Meadow Woods MS	Horizon HS	Jones HS	Acceleration East
<b>Project Number</b>	S-0084	S-0087	S-0086	S-0089	S-0091	C-0097	C-0107	S-0089	N-0059.2	N-0084
<b>Project Manager</b>	Tamara Cox	Rob Stagliano	Tamara Cox	Cass Hurst	Rob Stagliano	Maher	Jill Edwards	Cass Hurst	Brian Gainous	Krista
<b>Architect of Record</b>	Rhodes + Brito	Rhodes + Brito	Rhodes + Brito	Schenkel Shultz	Rhodes + Brito	Harvard Jolly	CT Hsu	Schenkel Shultz	KBJ	MLM Martin
<b>Construction Manager</b>	CORE	CPPI	OHL	Pirtle	Pirtle	CPPI	Wharton Smith	Wharton Smith	McCree	Clancy & Theys
<b>Substantial Completion</b>	06/15/20	07/17/20	07/31/20	06/07/21	06/17/21	07/02/21	09/29/21	01/28/22	05/14/21	07/21/21
<b>Closeout Complete (Exhibit</b>	April '22	April '22	April '22	June '22	April '22	June '22	April '22	May '22	April '22	May '22

CLOSEOUT DELIVERABLE	Sunshine ES	Vista Pointe ES	Summerlake ES	Lake Buena Vista HS	Village Park ES	Magnolia School & Silver Pines Academy	Meadow Woods MS	Horizon HS	Jones HS	Acceleration East
<b>O &amp; M Manuals</b>	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed
<b>Environmental Closeout Manual</b>	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed
<b>Warranty Certificates</b>	Completed	Completed	Completed	1 missing	Completed	3 missing	Completed	1 missing	Completed	Completed
<b>Master Consolidated Punch List (signed-off)</b>	Completed	Completed	Completed	WIP	Completed	WIP	Completed	WIP	Completed	Completed
<b>Return of Items Procured w/GRs (\$75+)</b>	Completed	Completed	Completed	Completed	Completed	Completed	Completed	WIP	Completed	Completed
<b>As-Built Drawings</b>	Completed	Completed	Completed	Completed	Completed	1 missing	Completed	WIP	Completed	Completed
<b>As-Built Project Manuals</b>	Completed	Completed	Completed	Completed	Completed	Completed	Completed	WIP	Completed	Completed
<b>Record Drawings &amp; Project Manuals</b>	Completed	Completed	Completed	WIP	Completed	WIP	Completed	WIP	Completed	Completed
<b>Certificate of Substantial Completion</b>	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed
<b>Certificate of Occupancy</b>	Completed	Completed	Completed	TCO expires 5/31/22	Completed	Completed	Completed	Completed	Completed	Completed
<b>Attic Stock</b>	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed
<b>Training</b>	Completed	Completed	Completed	Completed	Completed	4 missing	Completed	Completed	Completed	Completed
<b>Specific Easements</b>	Completed	Completed	Completed	Completed	Completed	Completed	N/A	REM is processing	N/A	N/A
<b>Sustainability Letter &amp; Score Card</b>	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed	N/A	N/A
<b>OEF 564 - Cost Breakdown Info</b>	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed	N/A	N/A
<b>Final CRs &amp; COs (excluding ODP / GMP reconciliation)</b>	Completed	Completed	Completed	3 CRs (CR 93, floor drain credit, ADA)	Completed	2 CRs	Completed	Time COs	Time CO	Time CO
<b>Final ODP Reconciliation Change Order</b>	CO #6 Approved	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed
<b>Final GMP Reconciliation Change Order</b>	PM Team is processing	PM Team is processing	PM Team is processing	Pending other COs & CRs	BIC CM	Pending 2 CRs	PM Team is processing	Pending Time COs	WIP	WIP
<b>Certificate of Final Inspection (CFI)</b>	PM Team is processing	PM Team is processing	PM Team is processing	Pending final CO	Pending final CO	Pending final CO	PM Team is processing	Pending final COs	Pending final CO	Pending final CO
<b>Final Pay Application</b>	Pending Final CO & CFI	Pending Final CO & CFI	Pending Final CO & CFI	WIP	WIP	Pending Final CO & CFI	Pending Final CO & Exhibit H	Pending Final COs & Exhibit H	Pending Final CO & Exhibit H	Pending Final CO & Exhibit H

# Capital Renewal Forecast

Reporting Period: March 2022 - February 2024



## **PROJECT STATUS REPORT**

## Construction Update as of April 21, 2022

### Capital Construction

**We continue with seven (7) projects under construction.**

#### **One (1) Comprehensive Project:**

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

Comprehensive renovation of approximately 120,000 GSF and a 3.4 acre site for the OTC Orlando Campus. Students will include adults and dual enrollment high school students. Orlando campus will focus on medical programs. The school will remain in operation during the phased construction process.

Construction NTP received on March 24, 2022 and includes two phases.

**Phase 1:** Includes all of the 1<sup>st</sup> floor and half of floors 2-5, and roofing. Anticipated for completion late February 2023.

**Phase 2:** Includes the remaining half of floors 2-5. Anticipated for completion late November 2023.

**Project Status:** NTP has been issued and Construction Manager is mobilizing.

Project is forecasted to be complete November 2023.



## Six (6) New/Replacement Projects:

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

This project includes construction of a new middle school; building consists of the reuse of multi-story, prototype with classrooms, administration, art, music, kitchen, cafeteria/multi-purpose room, media center, gymnasium and related site work. This middle school was designed for 1,348 student stations. The project is anticipated to be completed in a single phase.

Construction NTP issued on January 27, 2021.

**Project Status:** Site clearing is complete. Site grading and earth moving is underway. Layout and excavation of building foundations have started. Underground storm and sewer piping also has begun.

The project is anticipated to be completed late May 2023.



○ **Site 114-E-W-4** (Horizon West Area ES Relief) (Greenfield school)

This project includes construction of a new prototype elementary school building with classrooms, administration, art, music, kitchen, cafeteria/multi-purpose room, media center and related site work. This elementary school was designed for 830 student stations.

**Project Status:** Site work continues, sanitary piping complete, grading crew working on north parking lot. Roofing membrane is underway. Interior work continues with wall framing including door frame installation, drywall of corridors, duct work rough-out, chilled water piping and fire protection piping. Tile in kitchen area has started. Chillers and switch gear are on site.

The project is anticipated to be completed mid-June 2022.



OCPS Site 114 Elementary School  
3.22.22





- **Site 132-M-W-4** (Horizon West Area MS Relief) – Relief Project

This project includes construction of a new middle school building with classrooms, administration, art, music, kitchen, cafeteria/multi-purpose room, media center, gymnasium and related site work. This middle school was designed for 1,215 student stations. The site will be shared with the adjacent Site 89-E-W-4 elementary school. The project is anticipated to be completed in a single phase.

**Project Status:** Site work continues with grading of the parent and staff parking areas. Canopy install has begun. Transformers are installed and energized. Chillers are up and running. Roof membrane, coping caps are completed on all buildings. Ceiling grid is underway in multiple buildings. Plumbing, Electrical and HVAC rough-in is underway in cafeteria and media center. Plumbing, Electrical and HVAC finishes are underway in the classroom buildings. Exterior windows and Storefront are 90% complete.

The project is anticipated to be completed late-May 2022.



○ **Site 30-E-SE-3 (Meadow Woods Area ES Relief) (Greenfield school)**

This project includes construction of a reuse 2-story prototype elementary school building on a greenfield with classrooms, administration, art, music, kitchen, cafeteria/multi-purpose room, media center and related site work. This elementary school was designed for 837 student stations.

**Project Status:** Site work continues with completion of underground domestic and fire water lines. Site sidewalks under canopies are poured. Canopy install continues. Roofing membrane nearly complete. Exterior play area structure underway. Exterior painting and texturing is underway. Interior framing including door frame install is progressing. Drywall and drywall finishing has ramped up. First floor Plumbing and HVAC rough-out is continuing. Ceramic tile in kitchen and bathrooms on the first floor as started. Painting of door frames in underway. Chillers and switch gear were delivered.

The project is anticipated to be completed mid-June 2022.



OCPS Site 30 Elementary : Job 20678,00  
03-07-22



○ **Site 89-E-W-4** (Horizon West Area ES Relief) (Greenfield school)

This project includes construction of a new prototype elementary school building with classrooms, administration, art, music, kitchen, cafeteria/multi-purpose room, media center and related site work. This elementary school was designed for 837 student stations. The elementary school will be adjacent to Site 132-M-W-4.

**Project Status:** Site work continues with parking lot grading. Roofing membrane is complete except for coping cap and gutters. Interior framing including door frame install is progressing. Plumbing, Electrical and HVAC rough-out is continuing on both floors. Drywall has started on both floors. Elevator is complete. Exterior windows are 90% complete. Exterior painting and texturing is 85% complete. Chillers and switch gear were delivered.

The project is anticipated to be completed early June 2022.



727.520.8181  
www.aerophoto.com

OCPS Site 89-E-W-4 Elementary School

Image # 46  
Date 03.10.2022

○ **Site 90-K8-N-7 (Wolf Lake Area ES Relief) – Relief Project**

This project includes construction of a new suburban prototype K-8 school building with classrooms, administration, art, music, kitchen, cafeteria/multi-purpose room, media center, gymnasium and related site work. This K-8 School was designed for 1,211 student stations. The project is anticipated to be completed in a single phase.

**Project Status:** Site work continues with rough grading of track and parking lot areas. Duke transformer has been set. Irrigation lines are underway. The canopy install is progressing at the main entrance. Doors and hardware installs have started in the classroom area. Tile in classroom building are complete. Plumbing, Electrical and HVAC finishes have commenced on all floors. Interior drywall is complete. Painting and texturing of the classrooms continues on all floors. Low voltage wire pulling and trimming of devices has started.

The project is anticipated to be completed late May 2022.



Site 90-K8-N-7 K-8 School Relief Project  
OCPS Project: S0094  
3.23.22



We currently have 17 projects in the planning or design phase:

### **Planning**

- Colonial HS (Comprehensive)
- Site 47-E-W-4 Horizon West Area ES (Greenfield School)
- Site 97-E-SE-2 Weewahootee Area ES (Greenfield School)
- Site 118-E-SW-5 Holden Heights Area ES (Greenfield School)
- 4-Site SY 2024-25 ES Functional Equity
- 4-Site SY 2024-25 MS Functional Equity

### **Design**

- Howard MS (Comprehensive)
- Hungerford ES (Building 8) (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)
- Site 50-H-SE-2 Starwood Area (Greenfield School)
- Site 73-T-W-7 – Orange Technical College / West Campus (Westside) (Replacement)
- Site 129-M-SE-2 Lake Nona Area MS (Greenfield School)
- Three Points ES (Comprehensive)
- Winter Park HS (Comprehensive)

### Since Last Report

- Substantial Completion achieved: **No change from last report**
- Notice to Proceed issued: **Orlando Technical College** (Comprehensive Renovation)

### Closeout

There are eight (8) projects in closeout.

There are five (5) projects (listed in green) anticipated to achieve close out completion in April.

There are three (3) projects (listed in Blue) anticipated to achieve close out completion in June.

- Lake Buena Vista High School
- Horizon High School
- Magnolia/Silver Pines Academy K-12
- Meadow Woods MS
- Summerlake ES
- Sunshine ES
- Village Park ES
- Vista Pointe ES

## **Capital Renewal Update as of April 21, 2022**

There are 51 active projects (29 large, 16 intermediate, 6 small) currently in progress for improvements at 105 sites.

### **Planning**

We currently have 19 projects in planning at 74 sites. These include 11 large, 6 intermediate, and 2 small projects. Since last report, a new low voltage CCTV cameras replacement project at 18 sites was added. In addition, the LED retrofit project at three sites became an exterior LED conversion project at Evans HS.

Pre-planning scope development continues for other capital renewal projects for FY 2022.

### **Design**

We currently have 21 projects in design at 53 sites. These include 16 large, 4 intermediate, and 1 small project. Since last report, HVAC controls replacement project at Chain of Lakes MS moved from Design to Construction.

### **Construction**

We currently have 11 projects in construction at 13 sites. These include 2 large, 6 intermediate and 3 small projects. Since last report, HVAC controls replacement project at Chain of Lakes MS moved from Design to Construction.

**Capital Renewal Update as of April 21, 2022**  
**Changes since 03/17/22**

**Planning**

- New project
  - o FY22 Low Voltage CCTV at 18-Sites – N0158.0
  
- N0150.0 LED Retrofit at 03-Sites is now N0150.0 Evans HS LED Conversion (Exterior)

**Design**

- Moved to Construction
  - o Chain of Lakes MS – N0076.1 Mechanical (HVAC)

**Construction**

- Moved from Design
  - o Chain of Lakes MS – N0076.1 Mechanical (HVAC)

**Close-out**

- No change since last report

**Complete**

- No change since last report



## **Capital Renewal Update as of April 21, 2022**

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

#### **Piedmont Lakes Middle School – Mechanical-HVAC Capital Renewal Project Estimated Guaranteed Maximum Price: \$10,313,000**

##### **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 April 21, 2022**

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

#### **Ocoee High School – Chiller Replacement-HVAC Capital Renewal Project Estimated Guaranteed Maximum Price: \$10,506,000**

##### **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), 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.

**CHANGE ORDER REPORTS**

# Change Orders Report

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Facilities & Construction Contracting  
March 2022

PROJECT NAME	VENDOR NAME	ORIGINAL DOC NO.	DOCUMENT TYPE	REQUESTED AMOUNT	REASON FOR CHANGE	APPROVAL REQUIREMENT
Elementary School Site 30-E-SE-3	Pirtle Construction Company	Agreement No. 20CM07SCON PIRTLE for Construction Management Services RFQ No. 20CM07	Construction Change Directive No. 04 to GMP 01	\$350,000.00.	Additional Phase 2 work for off-site improvements in response to Orange County Utility Department review comments for prototype new school project.	Board (02/22/22) / Chief Facilities Officer

There are no significant amendments to report for the month of March 2022.

Facilities and Construction Contracting

COVE Report for March 2022

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	CTE Adult Education Center 204-AE-N-7 *	Gale Associates (South), Inc.	Amendment	1307169	1	\$0.00	Building Envelope Consultant Services	1307PS	Change project name from Site 204-U-N-7 South Apopka Adult Learning Center to Site 204-AE-N-7 Adult Education Center for district capital project.	Catherine Sullivan, Sr. Facilities Manager, Design
2	District-Wide	CORE Construction Services of Florida, LLC	Amendment	19CM09CCON CORE	2	\$0.00	Construction Management Services	19CM09	Staffing schedule modification for various personnel changes for continuing contract.	Rory A. Salimbene, Sr. Facilities Executive Director
3	District-Wide	OHLA Building, Inc.	Amendment	19CM09CCON OHL	3	\$0.00	Construction Management Services	19CM09	Legal name changes from OHL Building, Inc. to OHLA Building, Inc. for district-wide continuing contract.	Craig A. Jackson, Sr. Construction Director
4	Lakeview MS	NV5, Inc.	Amendment	1517279	1	\$4,239.98	Geotechnical & Environmental Services	1517PS	Additional preliminary level geotechnical investigation for evaluation of general soil and groundwater condition for renovation, comprehensive project.	Catherine Sullivan, Sr. Facilities Manager, Design
5	Oakshire ES & Pinewood ES	Johnson-Laux Construction, LLC	Amendment	17CM03SCON JOHNSON	4	\$0.00	Construction Management Services	17CM03	Contract modifications for terms and conditions related to E-Verify to comply with Section 448.095, Florida Statutes for existing central energy plant and HVAC components replacement, capital renewal project.	Craig A. Jackson, Sr. Construction Director
6	Various Schools	Brindley Pieters & Associates, Inc.	Amendment	1306024	2	\$1,670.40	Structural Engineering Services	1306PS	Additional services for light pole assessment to stabilize existing stadium lights at Apopka HS due to active osprey nests with eggs identified until poles can be removed for district capital project.	Elizabeth Van Lanningham-Pearson, Sr. Facilities Manager, Maintenance
7	Various Schools	Schenkel & Shultz, Inc.	Amendment	1910013	1	\$4,057.39	Architectural & Engineering Services	1910PS	Additional design services to implement new provisions at Esteem Academy and Ocoee MS to create secure sally port entries per design guidelines and applicable codes for district capital project (no additional Est. Constr. Cost due to design drawings only).	Elizabeth Van Lanningham-Pearson, Sr. Facilities Manager, Maintenance

\*Not Funded by Sales Tax or Capital Renewal

Facilities and Construction Contracting

COVE Report for March 2022

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	Boone HS	R. L. Burns, Inc.	Change Order	19CM09007		2	(\$23,177.18)	Construction Management Services	19CM09	Final GMP reconciliation for Boone HS Softball Field Drainage, capital renewal project.		Rory A. Salimbene, Acting Chief Facilities Officer
2	Boone HS	Williams Company Building Division, Inc.	Change Order	14CM06SCON004WILLIAMS	3	3	(\$245,220.28)	Construction Management Services	14CM06	Final GMP reconciliation for exterior and interior improvements capital renewal project.		Rory A. Salimbene, Acting Chief Facilities Officer
3	CTE Adult Education Center 204-AE-N-7 *	McCree Design Builders, Inc.	Change Order	2111314CON MCCREE		1	(\$359,600.00)	Construction Services	RSQ 2111314	Estimated ODP for new one-story adult education center, district capital project.		Rory A. Salimbene, Acting Chief Facilities Officer
4	Elementary School Site 114-E-W-4 *	Williams Company Building Division, Inc.	Change Order	20CM10SCON WILLIAMS	1	3	(\$78,181.21)	Construction Management Services	20CM10	Reconciliation of CCD 1 (\$200,000.00) for use of material cost escalation allowance for prototype new school relief project.		Superintendent / Rory A. Salimbene, Acting Chief Facilities Officer
5	Elementary School Site 89-E-W-4 *	Welbro Building Corporation, Inc.	Change Order	20CM01SCON WELBRO	2	3	(\$1,292,958.21)	Construction Management Services	20CM01	Estimated ODP for prototype new school relief project.		Rory A. Salimbene, Acting Chief Facilities Officer

Facilities and Construction Contracting

COVE Report for March 2022

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	Exceptional Student Education Campus Consolidation 300-SS-NW-5	Charles Perry Partners, Inc.	Construction Change Directive	18CM03SCON CHARLES	1	2	\$25,000.00	Construction Management Services	18CM03	Installation of spiral duct for range hood and water shut-off valve for science laboratory resulting in 59 day time extension for new school project.		Craig A. Jackson, Sr. Construction Director
7	Jones HS	McCree Design Builders, Inc.	Construction Change Directive	15CM02SCON MCCREE	1	1	\$0.00	Construction Management Services	15CM02	Use of \$322,362.69 of \$500,000 Allowance for temporary chiller related to building systems replacement, capital renewal project.		Craig A. Jackson, Sr. Construction Director
8	Lake Buena Vista HS 80-H-SW-4 *	Pirtle Construction Company	Change Order	18CM27SCON PIRTLE	2	5	(\$51,557.61)	Construction Management Services	18CM27	Estimated ODP for prototype new school relief project.		Rory A. Salimbene, Acting Chief Facilities Officer
9	Meadow Woods MS	Wharton-Smith, Inc.	Change Order	18CM26SCON WHARTON	1	9	(\$11,386.11)	Construction Management Services	18CM26	Reconciliation of CCD 02 (\$88,616.00) for removal of portables for comprehensive project.		Craig A. Jackson, Sr. Construction Director

Facilities and Construction Contracting

COVE Report for March 2022

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
10	Middle School Site 132-M-W-4 *	Welbro Building Corporation, Inc.	Change Order	20CM01SCON WELBRO	1	4	(\$121,906.28)	Construction Management Services	20CM01	Credit for deleted scope of work resulting from coordination with adjacent developer to revise grade elevations at bus loop entrance for prototype new school relief project.		Superintendent / Rory A. Salimbene, Acting Chief Facilities Officer
11	Oakshire ES & Pinewood ES	Johnson-Laux Construction, LLC	Change Order	17CM03SCON JOHNSON	2	7	(\$2,669.00)	Construction Management Services	17CM03	Final GMP reconciliation for existing central energy plant and HVAC components replacement, capital renewal project.		Rory A. Salimbene, Acting Chief Facilities Officer
12	Village Park ES 43-E-SE-2	Pirtle Construction Company	Change Order	19CM13SCON PIRTLE	1	5	\$82,097.15	Construction Management Services	19CM13	Final ODP reconciliation for prototype new school relief project.	25% of final GMP	Rory A. Salimbene, Acting Chief Facilities Officer

\*Not Funded by Sales Tax or Capital Renewal



**OCPS FACILITIES & CONSTRUCTION CONTRACTING**  
**RFQs in Progress: MARCH 2022**

No.	Contract Description	Pre Submittal Meeting	Open Date	Shortlist Meeting	Interview Meeting	Board / CFO Date	Construction Budget	Firm Awarded	Status
RFQ 2141PS	A/E Services for the Five Site Multi-System Capital Renewal Project	12/9/2021	1/11/2022	2/15/2022	3/1/2022	4/12/2022	\$14,000,000.00	Matern Professional Engineering, Inc.	Awarded
RFQ 21CM42	CM Services for the Five Site Multi-System Capital Renewal Project	12/9/2021	1/11/2022	2/16/2022	3/2/2022	4/12/2022	\$14,000,000.00	Wharton-Smith, Inc.	Awarded
RFQ 21CM43	CM Services for Dommerich ES & Maitland MS Multi-System Capital Renewal Project	1/10/2022	2/1/2022	2/10/2022	2/24/2022	3/8/2022	\$6,619,000.00	Welbro Building Corporation	Awarded
RFQ 2201CM	CM Services for Multi-Site Bonneville Elementary School, Legacy Middle School and Washington Shores Primary Learning Center Capital Renewal Projects	2/17/2022	3/1/2022	3/9/2022	3/23/2022	4/12/2022	\$14,000,000.00	T & G Corporation dba T & G Constructors	Awarded



## 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 OCPS 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.