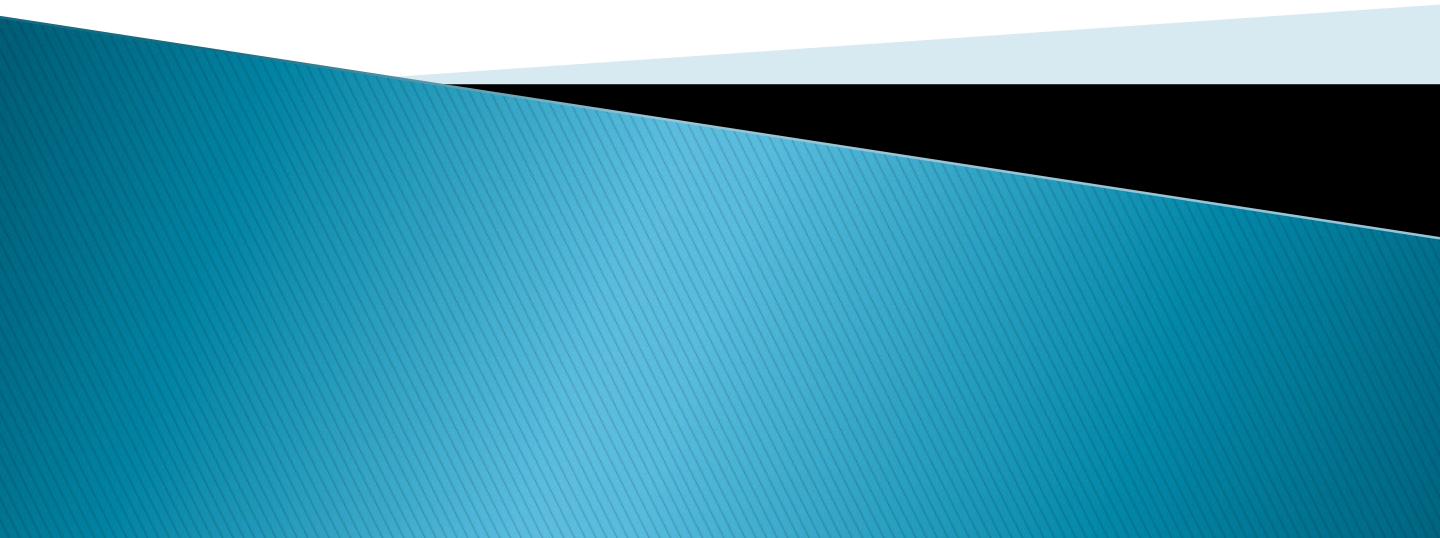




# COVE Meeting

CITIZENS' CONSTRUCTION OVERSIGHT AND VALUE ENGINEERING

May 19, 2022



# COVE

## Meeting Agenda

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May 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

- Provide information on COPS and the District's capacity to borrow.
- Provide an update on the District's implementation of solar energy.
- Provide an update on developments in 3D Printing of buildings.

### 3. Department Reports

- Capital Funding Update – Doreen Concolino
- 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

- Certificates of Participation – Doreen Concolino
- Solar Energy Update – Basem Ghneim

### 5. Discussion and Adjournment

- Next COVE meeting scheduled on Thursday, June 16, 2022



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The Construction Oversight and Value Engineering Committee monthly meeting convened on Thursday, April 21, 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, Jacki Churchill, Sarah Taylor and George Hack.

**OCPS Team:** Dr. Barbara Jenkins, Faz Ali, Ed Ames, Jad Brewer, Amy Envall, Mari Espinal, Joycelyn Henson, Craig Jackson, Linda Lindsey, Staci Neal, Roberto Pacheco, Judith Padres, Tonya Page Batson, Lauren Roth, Rory Salimbene, Chris Solomon, Robert Waremburg and Rocco Williams.

**Program Management Team:** Basem Ghneim, Mark O'Connor, Matthew Akins, Mo Arthur, Toni Greene, Krista McArthur, Bill Terry and Selene Salas.

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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.

*Approval of Minutes from Last Meeting*

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

*Chair Comments*

Pat Knipe thanked everyone for their time and effort in preparing and reviewing the information for this meeting.

Chair noted that there has not been a revision to the capital renewal transfer formula, and questioned if a review was warranted.

Next, Chair inquired regarding an update on 3D Printing. Craig Jackson stated that an update would be provided next month.

Chair requested information about Certificates of Participation (COPS) and the District's capacity to borrow. Judith Padres stated she would provide details at the next meeting.

Chair ended by asking if an update on the District's implementation of solar energy was planned. It was noted that a presentation is planned for next month.

**2. ACTION ITEMS**

- a. Provide information on COPS and the District's capacity to borrow.
- b. Provide an update on the District's implementation of solar energy.
- c. Provide an update on developments in 3D Printing of buildings.

*Review of Action Items from Previous Meeting*

- 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.

*Craig Jackson presented information during the construction status update later in the meeting.*

- b. Provide an update on solar and sustainability initiatives.

*Mark O'Connor of the PM Team stated this had been planned for next month's meeting.*

### 3. DEPARTMENT REPORTS

#### Capital Funding Update

Judith Padres reported that sales tax collections through January 2022 are \$204M and 33.4% over the initial projections for the June to January period. The current year actual revenues through January are 57.6% higher than what the district collected last year during the same period. The Cumulative Collection History report shows the District has collected over \$3.7B from 2003 through January 2022.

- *Pat Knipe asked for the amount of sales tax revenue that had not been spent.*

Judith stated the fund balance for sales tax was \$524M, with an additional \$640M available in the capital renewal fund. Judith noted that the fund balance does not account for encumbrances.

Judith reported that as of April 8, 2022, the impact fee collections for the fiscal year are \$42.2M. This includes two quarterly payments from the County and eight months of revenue from the City of Orlando.

- *Doug Kelly inquired why the report indicated a negative \$766,343 collected in April.*

Judith explained this could be due to a requirement to return impact fees, and cited a canceled project as a situation which would require a refund.

Jad Brewer added that developers frequently prepay for planned developments and then end up due a refund when the quantity of homes actually built is less than the number included in the development plan and on which the estimated payment was based. In those instances, the district has to return impact fees.

Judith presented the Capital Funds Cash Flow report stating that this is an annual update and explained that the expenditures are mostly based on what is on the adopted Capital Improvement Plan (CIP) including any amendments approved by the Board. She indicated that after the Board approves the budget in September, she would return to provide an update.

- *Pat Knipe asked if the half cent sales tax was scheduled to end on December 31, 2025.*

Judith stated this was correct, and that the reason we forecast a transfer to capital renewal in FY27 is because the transfer is based on the prior year's actual expenditure. Since the sales tax program ends in December of 2025 or FY26, then the corresponding transfer to capital renewal will happen in FY27. She stated that if the sales tax program gets renewed, a revised budget will reflect the corresponding revenues. The current budget does not assume the renewal of the half cent sales tax.

- *Jeff Hart inquired whether any unplanned projects could consume the \$109M allocated for Estimated Expenses in FY27.*

Judith acknowledged that new requirements could surface between now and FY27 that would consume the \$109M available in FY27.

- *Jacki Churchill asked if these expenses were based on the projects in the 10 year CIP.*

Basem Ghneim explained that the capital renewal expenses were not specifically planned projects but an estimate of requirements based on data in the Facility Condition Assessment.

- *Jeff Hart asked for clarification regarding capital renewal expenditures 2027, specifically asking if the budgeted amount considered actual projects.*

Rory Salimbene indicated that capital renewal expenditures reflected the need identified in the Facilities Condition Assessment. Rory noted that the estimate of the need had been recently updated using escalation factors revised as result of recent construction cost inflation.

Next, Judith presented the Capital Funds Cash Flow on page 16, indicating the original sales tax program has a balance of \$5M. The balance is expected to reach \$0 in FY23, as all remaining encumbrances are expected to close in FY23.

- *Jacki Churchill questioned the \$136M in 2023 for Additional Schools, and asked if the amount was based on projected expenditures or encumbrances for the whole amount of a particular school.*

Judith indicated that the budgeted amount reflected the anticipated encumbrances in a particular fiscal year, and was generally not the full cost of a project.

Jeff Hart added that some schools may be budgeted for two or three years for the planning, design and construction, and the full cost of the project may not all have to be encumbered at one time.

- *Pat Knipe questioned whether Digital Curriculum amounts were for devices or infrastructure.*

Judith indicated that the amounts shown were for infrastructure, not devices. She further stated that we have completed paying for devices with sales tax funds.

Pat Knipe thanked Judith for the fabulous job on all of her presentations.

#### Master Schedule Update

Basem Ghneim briefed the committee on the Capital Program Master Schedule Summary and stated that all projects are tracking on schedule. He added that this month's report is very much the same as last month's report. There are five projects slated for completion this summer.

Two significant projects (Water Spring Middle and Orange Technical College (Orlando Campus)) commenced construction last month.

OTC West Campus (site 73-T-W-7) is in the bidding phase, and the construction manager will be submitting a Guaranteed Maximum Price (GMP) proposal later this summer.

All projects on the schedule have been assigned an architect. Projects 97-E-SE-2 and 47-E-W-4 are in the planning phase and will soon commence design.

- *Jeff Hart asked if site 50-H-SE-2 with a new prototype design was on track for construction commencement in September.*

Basem replied that an early site package is planned for commencement in September, with the balance of the scope to commence in early 2023.

#### 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 the last report, there have not been any budget changes. It was noted that Water Springs Middle School recently moved to construction.

The comprehensive renovation projects, budgeted at \$388M, have not had any budget changes.

- *Jeff Hart asked if there was a budget adjustment anticipated for Orange Technical College based on the executed GMP.*

Basem Ghneim stated that a budget amendment was presented to the Board in December 2021.

Next, Mark began his review of the 51 capital renewal projects in planning, design and construction, with a total budget of \$277M. Mark highlighted two projects on page 23 with budget changes since the last report (Low Voltage CCTV and Chiller Replacement at 2 sites).

- *Jeff Hart noted the majority of projects had either mechanical or roofing elements which have long lead times for materials and requested confirmation that materials were expected to be available when needed at the time construction commencement was authorized.*

Basem confirmed that project teams are planning ahead and releasing contractors to procure materials as early as possible. Contractors are mobilized to commence the work when materials are available.

- *Pat Knipe asked if we were having trouble getting firm bid pricing.*

Basem stated we are seeing a lower number of bids per bid package, and higher pricing that reflects a higher profit margin aligning with current market conditions.

Mark continued discussing projects in construction on page 24, and noted that a small project at Timber Creek High School had a budget change due to market conditions.

Basem summarized the Master Closeout report on page 26, explaining that the team continues with closing nine capital projects and two capital renewal projects.

Next, Basem highlighted the Capital Renewal Forecast and explained the gap between budgeted and committed amounts, stating the goal is to execute projects and manage the workload ahead to minimize the gap. He added that the capital renewal fund balance has been added to the forecast as previously requested by the Committee, and is currently \$640M.

- *Jeff Hart noted the budgeted amounts for planning, design and construction in February 2024 amounting to approximately \$300M and questioned the adequacy of the fund balance.*

Basem explained the critical measure is the difference between the funds needed versus the projected revenue. Rory Salimbene noted that there would be additional transfers to the capital renewal fund and indicated that a graph comparing estimated revenues and expenditures was presented previously and would be updated once the annual budget process was completed.

- *Jacki Churchill wanted to know when the 10 year CIP is reviewed and if there were any price adjustments based on current market conditions.*

Basem and Mark noted that the CIP was updated annually in the April-May timeframe, and included adjustments based on changes in market conditions.

### Project Status Report

Craig Jackson began his review of the seven new and replacement projects currently under construction.

- *Jeff Hart questioned the Notice to Proceed (NTP) on Orange Technical College and whether we would be done February 2023 with the scope including roofing with the previously noted long lead times.*

Craig agreed this was something to be observed. Rory stated completion was actually scheduled for November 2023, and Craig indicated he would update the report.

Craig continued with an update on Site 114, a new elementary school renamed Panther Lake ES.

- *Jeff Hart questioned whether all materials needed for substantial completion in two months have been received, and if anything else was needed.*

Craig explained we had everything needed with the exception of the playground for which we are anticipating a mid-June ship date.

Craig next provided an update on Site 132, a new middle school renamed Hamlin MS. Craig reviewed geotechnical reports for the athletic field. Per the reports, the soil classifications at the three locations inside the track reported “sand, brown, moist, very loose and medium dense, with less than 5% fines”. Craig also noted that the water table is deeper than 20 feet, so the percolation rate in this area will be high.

George Hack stated this information was good and what he wanted to hear, and that the soil type is very important.

- *George asked if there was any import material used for the track.*
- *Jeff Hart also inquired whether we tested the material after final grading to confirm that no fill was added and that the soil conditions remained conducive to field construction so as to avoid the issues that occurred at Timber Springs MS.*

Craig indicated although the developer cleared the land, he would check on the timing of the borings.

- *George Hack suggested a follow-up on this school, and Jeff Hart stated we should be taking some soil samples to verify the material in place meets the applicable criteria.*

Craig continued with updates on Site 30 (renamed Stonewyck ES) and Site 89 (renamed Hamlin ES) and which is adjacent to Hamlin MS (site 132).

- *Doug Kelly inquired whether there was a central chiller plant for both facilities, and if not, was there any efficiency to be gained by combining them with a larger plant to serve both schools.*

Craig answered that there was not a central chiller plant. Basem added that we typically perform a lifecycle cost analysis but that in this case we had two separate design teams repeating separate prototypes. Basem also noted that design and construction occurred 6 months apart. If the projects were to happen at the same time, an analysis comparing two plants with a single plant would be performed.

- *Doug Kelly asked how a single central plant could simultaneously support both schools.*

Craig stated it would be a bigger plant and Basem mentioned there would be piping from the same spot to feed both schools.

Jeff Hart mentioned the need to consider the expense to run pipe from one campus to the other. He added that Wolf Lake Elementary and Middle Schools were once served by a single plant, and subsequently were decoupled due to reliability issues.

Craig continued with an update on Site 90, a K-8 renamed Kelly Park School.

- *Jeff Hart stated this project also includes a track around a field with a perimeter drain, although at a higher elevation than the project discussed previously.*

Craig confirmed the location was in Apopka, and that he would research the soil conditions.

Craig asked the committee if he should keep this close-out information in his report, as Mark and Basem discuss detailed close-out status during the earlier Project Budget Update. Jeff Hart stated that although Craig did not need to present it, he would like it to remain in the report.

Craig then summarized the status of 51 active capital renewal projects, including 29 large, 16 intermediate, and six small projects currently in progress for improvements at 105 sites. He noted there are 11 projects in construction at 13 sites, including two large, six intermediate and three small projects. Since the last report, Chain of Lake MS moved from design to construction.

- *Jeff Hart noted that Wolf Lake Elementary and Middle Schools were initially planned as a pilot project for geothermal cooling. Ultimately, it was determined that site conditions were not conducive for geothermal cooling.*
- *Sarah Taylor inquired whether the spreading of gravel at the site entrance was more cost effective than watering the road, and if the gravel was reused when rock is later put down for parking areas.*

Craig asserted it was definitely more cost effective than watering and is strictly for the drive off area, using large rock 2 to 3 inches in diameter. The idea is to get all dirt and mud out and keep it on our property, avoiding or minimizing requirements to sweep local roads.

### Change Order Report

Ed Ames presented data for the month of March 2022 and stated there were no significant amendments for the period. However, he said the item questioned by Jeff Hart last month was now included on page 43, and also noted that a column had been added for the Owner's Direct Purchase (ODP) percentage.

- *On page 45, item 4, Pat Knipe asked for an explanation of the change order for Site 114.*

Basem explained that an allowance was included within the GMP to accommodate any price escalation. The contractor in this case did not require the use of the full amount of the allowance.



- *Pat Knipe asked if this was being done on a regular basis.*

Basem stated that we are reviewing projects and negotiating with contractors on a case by case basis.

**4. PRESENTATIONS**

None.

**5. DISCUSSION / ADJOURNMENT**

Chairman Pat Knipe asked if there were any other questions, and Judith Padres offered the encumbered amount in sales tax to be \$53.3M.

Chair reviewed the topics for discussion at next month's meeting, and followed by thanking 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, May 19, 2022. He followed by adjourning the meeting.

**The meeting was adjourned at 9:21 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



**CAPITAL FUNDING UPDATE**

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

	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Fiscal Year	Date Received	Actual vs Projection				Actual vs Prior Year			
	2016	2017	2018	2019	2020	2021	2022	2022		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
	Actual Collections	Actual Collections	Actual Collections	Actual Collections	Actual Collections	Actual Collections	Projected Collections	Actual Collections									
<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	23,848,324.53	8/27/2021	5,874,562.53	32.68%	5,874,562.53	32.68%	10,739,810.25	81.93%	10,739,810.25	81.93%
<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	25,504,013.83	4/27/2022	6,614,492.83	35.02%	57,834,747.65	33.58%	8,138,465.13	46.87%	82,945,206.63	56.39%
<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>77,736,120.01</b>				<b>-</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>230,046,621.65</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>-</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>77,736,120.01</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>\$ 230,046,621.65</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	230,046,621.65 *
<b>Total</b>	<b>3,759,824,318.66</b>

\* Amount collected thru February 2022

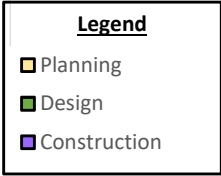
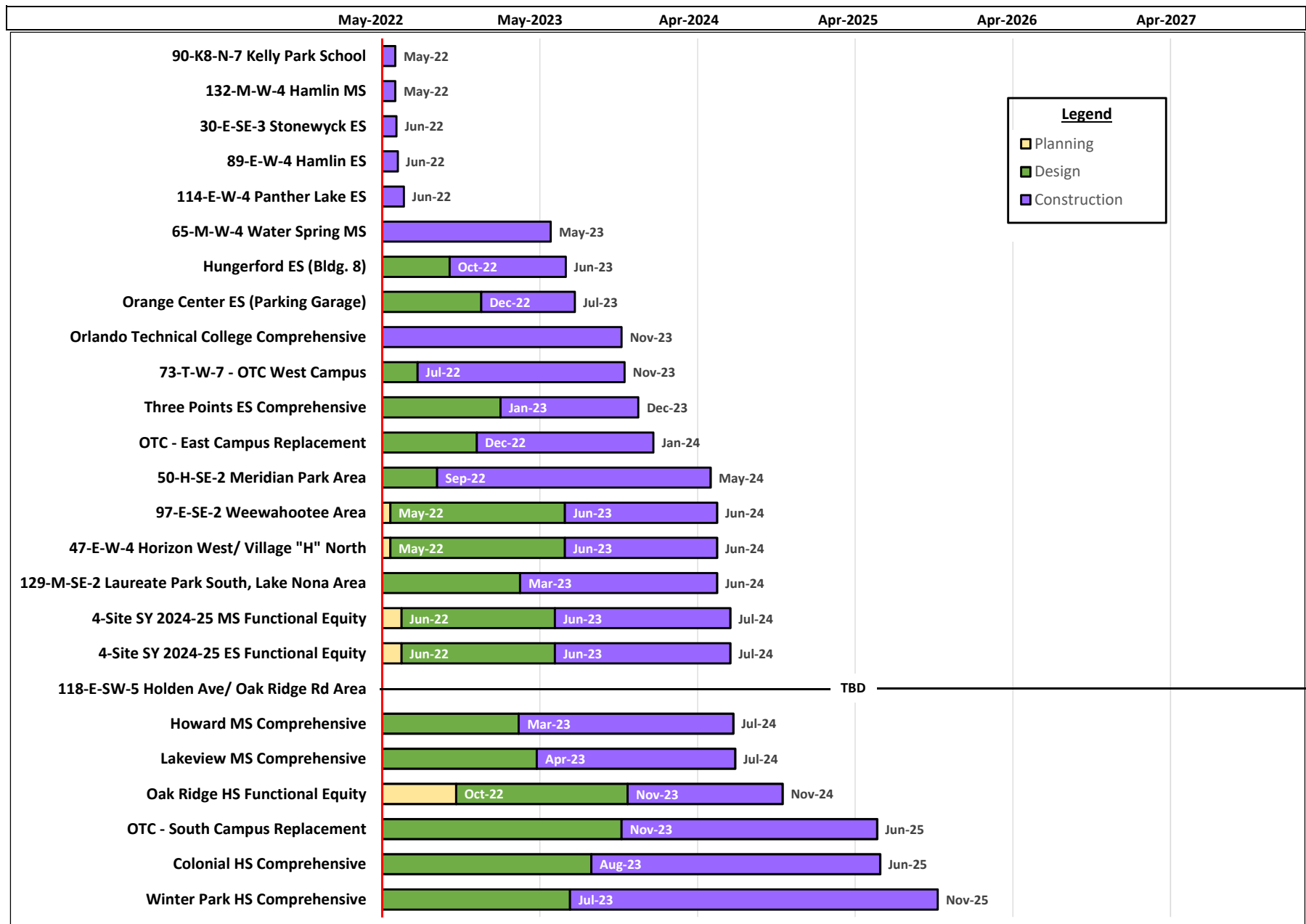
## Impact Fees Collections

	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	4,786,133
May	6,268,232	674,261	2,027,236	5,720,199	12,157,356
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>59,902,740</b>

As of 5-6-22

**MASTER SCHEDULE UPDATE**

# Capital Program Schedule Summary



# Capital Program Schedule Summary

## Variance Report

Project	Design NTP	Construction NTP	Substantial Completion	Explanations
OTC - East Campus Replacement		145 days	145 days	schedule refinement
Oak Ridge HS Functional Equity				added project
Winter Park HS Comprehensive		42 days	42 days	schedule refinement

**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 19, 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				
			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	Hamlin ES (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	Hamlin MS (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	Panther Lake ES (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	Stonewyck ES (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	Water Spring MS (Site 65-M-W-4)	50,480,000	-	50,480,000	50,480,000	-	42,828,832	-		(10,708,688)	2	1/27/2022	5/26/2023		GMP	CORE	Harvard Jolly
Sales Tax	New	Kelly Park School (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>(47,739,850)</b>	<b>11</b>						
<b>CLOSE OUT PHASE</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	349	GMP	Pirtle	Schenkel
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	703	GMP	CORE	Rhodes + Brito
Impact	New	Vista Pointe ES (Site 83-E-SE-3)	25,072,000	-	25,072,000	24,851,000	221,000	21,750,095	11,173	5	(4,709,624)	3	7/1/2019	7/17/2020	671	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	101	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	(8,589,890)	2	7/3/2019	8/11/2021	281	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	336	GMP	Pirtle	Rhodes + Brito
		<b>Sub Total</b>	<b>347,349,000</b>	<b>-</b>	<b>347,349,000</b>	<b>347,128,000</b>	<b>221,000</b>	<b>288,286,143</b>	<b>1,390,917</b>	<b>31</b>	<b>(72,064,353)</b>	<b>24</b>						
<b>Grand Total</b>			<b>961,649,000</b>	<b>-</b>	<b>961,649,000</b>	<b>959,995,000</b>	<b>1,654,000</b>	<b>456,972,570</b>	<b>1,677,344</b>	<b>38</b>	<b>(119,804,203)</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**

Summerlake ES (Site 85-E-W-4)

**Final Budget Variance**

(\$561,000)

**Final ODP %**

26.2%

**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.
- Sunshine ES (Site 20-E-SW-4) – Reconciliation of final project costs required. Projected date of closeout is May 2022.
- Vista Pointe ES (Site 83-E-SE-3) – Reconciliation of final project costs required. Projected date of closeout is May 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 May 2022.



PROJECT STATUS SUMMARY REPORT

COMPREHENSIVE SCHOOLS

May 19, 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					#
<b>Budget</b>													<b>Schedule</b>			<b>Contracting</b>			
<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		Oak Ridge HS Functional Equity	-	15,221,000	15,221,000	15,221,000	-												
		<b>Sub Total</b>	<b>55,700,000</b>	<b>15,221,000</b>	<b>70,921,000</b>	<b>70,921,000</b>	<b>-</b>												
<b>DESIGN PHASE</b>																			
Sales Tax		Colonial HS	43,931,000	-	43,931,000	43,931,000	-										Wharton	Schenkel	
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>288,203,000</b>	<b>-</b>	<b>288,203,000</b>	<b>288,203,000</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>																			
Sales Tax	132	Meadow Woods MS	23,504,000	-	23,504,000	23,504,000	-	15,747,456	92,146	7	(2,835,918)	3	1/31/2020	9/29/2021	232	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>(2,835,918)</b>	<b>3</b>							
<b>Grand Total</b>			<b>411,927,000</b>	<b>15,221,000</b>	<b>427,148,000</b>	<b>427,148,000</b>	<b>-</b>	<b>49,389,088</b>	<b>92,146</b>	<b>7</b>	<b>(2,835,918)</b>	<b>3</b>							

Footnotes

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- 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 June 2022.

Funding Source	Priority #	School Name	Explanation of Adopted Budget Changes
<b>PLANNING PHASE</b>			
Sales Tax		Oak Ridge HS Functional Equity	Added project



Project Status Summary Report

Capital Renewal Projects (Note 1)

May 19, 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.						
<b>PLANNING PHASE</b>																<b>Budget</b>						<b>Schedule</b>		<b>Contracting</b>									
Chiller Repl at 04-Sites	-	N0151.0	Lg						✓	✓						3,453,000	-	3,453,000	3,453,000	-													
Evans HS	12-Yr	N0150.0	Sm							✓						232,000	-	232,000	232,000	-													
FY22 Exterior Painting Group	-	N0123.0	Int				✓									2,325,000	-	2,325,000	2,325,000	-													
FY22 Exterior Painting Group	-	N0162.0	Lg				✓									3,357,000	-	3,357,000	3,357,000	-													
FY22 Low Voltage CCTV at	-	N0158.0	Lg										✓			5,472,000	-	5,472,000	5,472,000	-													
FY22 Low Voltage Intrusion I	-	N0161.0	Int										✓			-	600,000	600,000	600,000	-													
FY22 LED Conversion Pilot ε	-	N0159.0	Int							✓						-	2,081,000	2,081,000	2,081,000	-													
Gotha MS	28-Yr	N0156.0	Int						✓	✓						2,328,000	-	2,328,000	2,328,000	-													
HVAC at 02-Sites	-	N0140.0	Lg						✓	✓	✓					14,564,000	-	14,564,000	14,564,000	-													
Multi-System at 02-Sites	-	N0144.0	Lg	✓		✓	✓	✓	✓	✓	✓	✓	✓			10,676,000	-	10,676,000	10,676,000	-													
Multi-System at 02-Sites	-	N0137.0	Lg	✓		✓	✓	✓	✓	✓	✓	✓	✓			8,604,000	-	8,604,000	8,604,000	-													
Multi-System at 05-Sites	-	N0142.0	Lg	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		14,737,000	-	14,737,000	14,737,000	-													
Rosemont ES	22-Yr	N0090.0	Lg	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			3,708,000	-	3,708,000	3,708,000	-													
Tildenville ES	18-Yr	N0131.0	Lg	✓					✓	✓	✓	✓	✓			6,631,000	-	6,631,000	6,631,000	-													
Westbrooke ES	14-Yr	N0155.0	Int						✓	✓						2,930,000	-	2,930,000	2,930,000	-													
West Oaks ES	18-Yr	N0143.16	Sm		✓											68,000	-	68,000	68,000	-													
<b>SUBTOTAL (Planning)</b>		<b>16 Projects</b>	<b>68 Sites</b>													<b>79,085,000</b>	<b>2,681,000</b>	<b>82,826,000</b>	<b>81,766,000</b>	<b>-</b>													
<b>DESIGN / PRE-CONSTRUCTION PHASE</b>																																	
Andover ES	17-Yr	N0124.0	Lg		✓				✓	✓						3,200,000	-	3,200,000	3,200,000	-											TBD	OCI Engineering	
Apopka HS	14-Yr	N0136.0	Lg	✓	✓		✓	✓	✓	✓		✓	✓			11,770,000	-	11,770,000	11,770,000	-											Bishop Construction	RGD	
Chiller Repl at 02-Sites	-	N0101.0	Lg						✓	✓						2,766,000	-	2,766,000	2,766,000	-											SEMCO	GRaEF-USA	
Dr Phillips HS	10-Yr	N0133.0	Int		✓				✓	✓						2,655,000	-	2,655,000	2,655,000	-											HA Contracting	GRaEF-USA	
HVAC at 02-Sites	-	N0125.0	Lg	✓	✓				✓	✓		✓				3,700,000	-	3,700,000	3,700,000	-											Bishop	GRaEF-USA	
HVAC at 02-Sites	-	N0139.0	Lg						✓	✓						10,800,000	-	10,800,000	10,800,000	-											Johnson-Laux	TLC Engineering	
HVAC at 03-Sites	-	N01XX.0	Lg	✓			✓		✓	✓						14,047,000	-	14,047,000	14,047,000	-											T&G Constructors	OCI Engineering	
HVAC at 05-Sites	-	N0105.0	Lg						✓	✓	✓					14,700,000	-	14,700,000	14,700,000	-											Lego Construction	Matern	
HVAC at 06-Sites	-	N0147.0	Lg						✓	✓						13,658,000	-	13,658,000	13,658,000	-											Sequel Developers	GRaEF-USA	
Jones HS	18-Yr	N0059.3	Lg		✓											6,307,000	450,000	6,757,000	6,757,000	-											McCree	KBJ	
Liberty MS	17-Yr	D5002.0	Int							✓				✓		835,000	-	835,000	835,000	-											SkyBuilders USA	Baker Barrios	
Liberty MS	17-Yr	N0141.0	Int					✓			✓					1,988,000	-	1,988,000	1,988,000	-											SkyBuilders USA	Baker Barrios	
Lockhart MS	14-Yr	N0138.0	Lg	✓					✓	✓						3,600,000	-	3,600,000	3,600,000	-											T&G Constructors	Baker Barrios	
Low Voltage at 38-Sites	-	N0120.0	Lg									✓	✓			29,180,000	-	29,180,000	29,180,000	-											Barton Malow Co.	Matern	
Ocoee HS	17-Yr	N0099.0	Lg						✓	✓	✓					14,749,000	-	14,749,000	14,749,000	-											T&G Constructors	GRaEF-USA	
Piedmont Lakes MS	29-Yr	N0119.0	Lg						✓	✓	✓	✓				13,303,000	-	13,303,000	13,303,000	-											CPPI	Bobes Associate	
Roberto Clemente MS	19-Yr	N0111.0	Lg	✓	✓		✓	✓	✓	✓	✓	✓	✓			11,100,000	-	11,100,000	11,100,000	-											Votum Construction	SGM	
Roofing at 02-Sites	-	N0103.0	Lg		✓						✓					5,670,000	2,804,000	8,474,000	8,474,000	-											CORE	Raymond	
Roofing at 04-Sites	-	N0102.0	Lg		✓											1,395,000	1,730,000	3,125,000	3,125,000	-											Lego Construction	Gale	
Thornebrooke ES	20-Yr	N0091.0	Lg						✓	✓	✓	✓	✓			3,597,000	-	3,597,000	3,597,000	-											CPPI	GRaEF-USA	
Union Park MS	16-Yr	N0132.0	Lg	✓	✓	✓			✓	✓						3,700,000	-	3,700,000	3,700,000	-											Messam Construction	Little Diversified	
<b>SUBTOTAL (Design/Pre-Con)</b>		<b>21 Projects</b>	<b>55 Sites</b>													<b>172,720,000</b>	<b>4,984,000</b>	<b>177,704,000</b>	<b>177,704,000</b>	<b>-</b>													



Project Status Summary Report

Capital Renewal Projects (Note 1)

May 19, 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	07/29/22		TERM SERV	Trane	N/A
Chiller Repl at 02-Sites	-	N0148.0	Int						✓							944,000	-	944,000	944,000	-	317,779	-	-	-	-	10/27/21	07/29/22		TERM SERV	Trane	N/A
Cooling Tower Refurb at 02-Sites	-	N0130.0	Int						✓							1,060,000	-	1,060,000	1,060,000	-	754,232	-	-	-	-	04/18/22	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
Lakeview MS	22-Yr	N0102.1	Lg		✓											2,270,000	850,000	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	05/27/22		TERM SERV	Red Hawk	N/A
Timber Creek HS	23-Yr	N0037.4	Sm		✓							✓	✓			155,000	-	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>19,504,000</b>	<b>850,000</b>	<b>20,354,000</b>	<b>20,354,000</b>	<b>-</b>	<b>15,268,479</b>	<b>-</b>	<b>-</b>	<b>(1,267,990)</b>	<b>3</b>						
<b>SUBTOTAL (Active)</b>		<b>48 Projects</b>	<b>103 Sites</b>													<b>271,309,000</b>	<b>8,515,000</b>	<b>280,884,000</b>	<b>279,824,000</b>	<b>-</b>	<b>15,268,479</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	302	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	371	GMP	McCree	KBJ
Jones HS	18-Yr	N0059.6	Sm						✓							85,000	-	85,000	85,000	-	41,465	-	-	-	-	09/27/21	04/15/22	34	GMP	Trane	Bobes Associate
<b>SUBTOTAL (Close-Out)</b>		<b>3 Projects</b>	<b>2 Sites</b>													<b>19,678,000</b>	<b>-</b>	<b>19,678,000</b>	<b>19,678,000</b>	<b>-</b>	<b>16,935,317</b>	<b>-</b>	<b>-</b>	<b>(2,442,733)</b>	<b>3</b>						
<b>GRAND TOTAL</b>		<b>271 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**  
 Wolf Lake MS (N0086.0) - Delay in shipment of HVAC and controls equipment. Projected substantial completion date is May 2022.

**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 June 2022.



**Project Status Summary Report**

**Capital Renewal Projects** (Note 1)

May 19, 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				

Location	Project Number	Size	Explanation of Project Budget Changes
<b>PLANNING PHASE</b>			
FY22 Low Voltage Intrusion Detection	N0161.0	Int	Added project
FY22 LED Conversion Pilot at 03-Sites	N0159.0	Int	Added project
<b>DESIGN PHASE</b>			
Jones HS	N0059.3	Lg	Project budget updated to reflect competitively priced construction documents.
Roofing at 02-Sites	N0103.0	Lg	Project budget updated to reflect competitively priced construction documents.
Roofing at 04-Sites	N0102.0	Lg	Project budget updated to reflect competitively priced construction documents.
<b>DESIGN PHASE</b>			
Lakeview MS	N0102.1	Lg	Project budget updated to reflect competitively priced construction documents.

**Budget**

- 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 17 campuses: Aloma ES [10]; Azalea Park ES [11]; Cypress Springs ES [11]; Forsyth Woods ES [12]; 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]; Southwood ES [25]; Sunridge ES [10]; 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].
  - 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].
  - N0159.0 consists of LED retrofit at 3 campuses: Hiwassee ES [19]; Freedom MS [17]; Freedom HS [19].
  - N0161.0 consists of intrusion detection system replacement at 5 campuses: Apopka 9GC [27]; Castle Creek ES [16]; Catalina ES [15]; Conway ES [15]; Wekiva HS [15].
  - N0162.0 consists of exterior painting at 9 campuses: Acceleration East [20]; Apopka 9GC [27]; Apopka HS [14]; Edgewater HS [12]; Evans HS [12]; Hunter's Creek MS [29]; South Creek MS [16]; Sunridge MS [10]; Westridge MS [11].
  - TBD consists of select HVAC replacement at 3 campuses: Bonneville ES [21]; Legacy MS [17]; 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

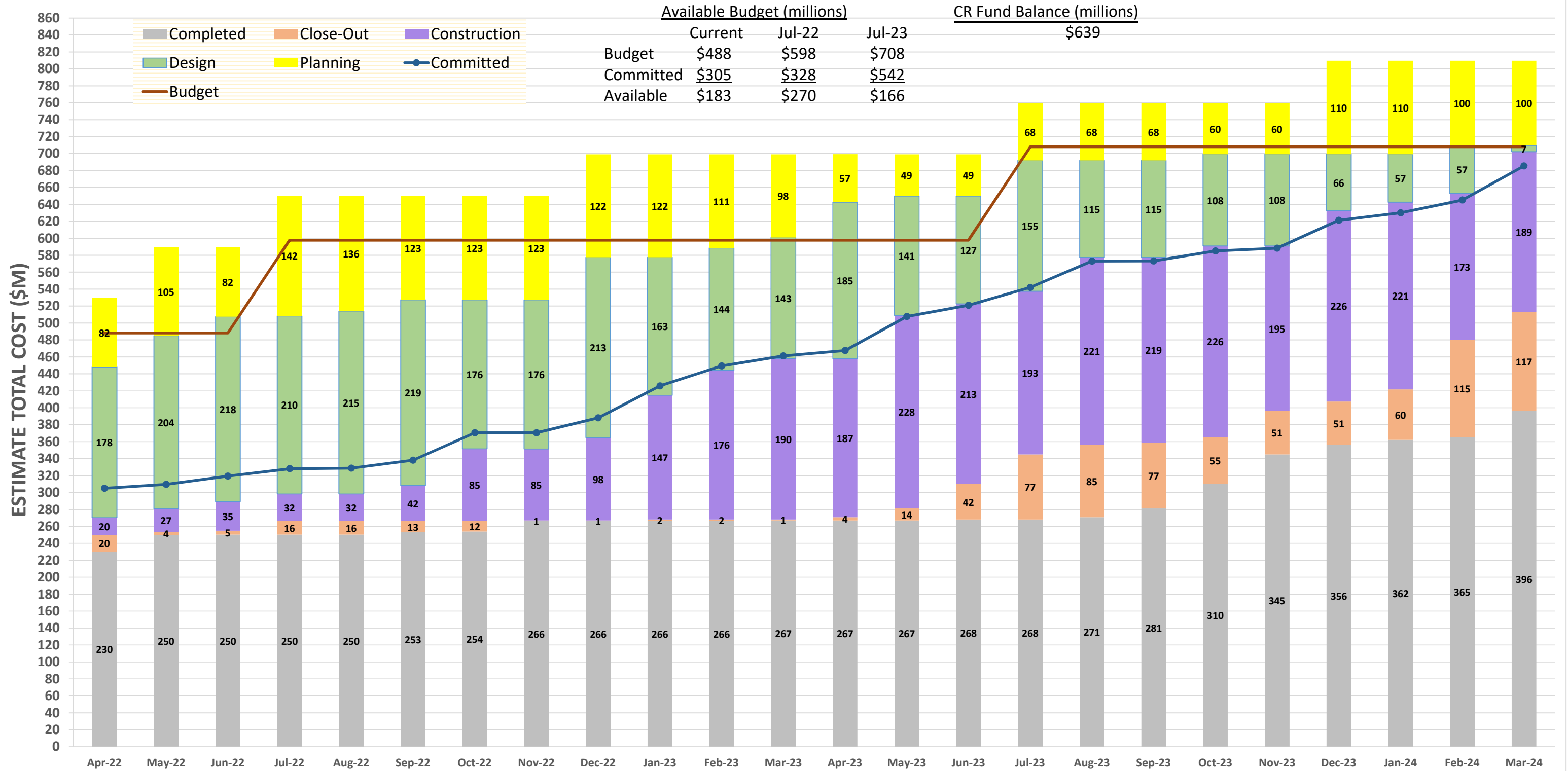
CAPITAL RENEWAL

	Sunshine ES	Vista Pointe ES	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-0089	S-0091	C-0097	C-0107	S-0089	N-0059.2	N-0084
<b>Project Manager</b>	Tamara Cox	Rob Stagliano	Cass Hurst	Rob Stagliano	Maher Chatila	Jill Edwards	Cass Hurst	Brian Gainous	Krista McArthur
<b>Architect of Record</b>	Rhodes + Brito	Rhodes + Brito	Schenkel Shultz	Rhodes + Brito	Harvard Jolly	CT Hsu	Schenkel Shultz	KBJ	MLM Martin
<b>Construction Manager</b>	CORE	CPPI	Pirtle	Pirtle	CPPI	Wharton Smith	Wharton Smith	McCree	Clancy & Theys
Substantial Completion	06/15/20	07/17/20	06/07/21	06/17/21	07/02/21	09/29/21	01/28/22	05/14/21	07/21/21
Closeout Complete (Exhibit H)	May '22	May '22	June '22	May '22	June '22	June '22	July '22	June '22	May '22

CLOSEOUT DELIVERABLE									
O & M Manuals	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed
Environmental Closeout Manual	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed
Warranty Certificates	Completed	Completed	Completed	Completed	Completed	Completed	1 missing	Completed	Completed
Master Consolidated Punch List (signed-off)	Completed	Completed	5 sign-offs missing	Completed	WIP	Completed	9 sign-offs missing	Completed	Completed
Return of Items Procured w/GRs (\$75+)	Completed	Completed	Completed	Completed	Completed	Completed	WIP	Completed	Completed
As-Built Drawings	Completed	Completed	Completed	Completed	Completed	Completed	WIP	Completed	Completed
As-Built Project Manuals	Completed	Completed	Completed	Completed	Completed	Completed	WIP	Completed	Completed
Record Drawings & Project Manuals	Completed	Completed	WIP	Completed	Completed	Completed	WIP	Completed	Completed
Certificate of Substantial Completion	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed
Certificate of Occupancy	Completed	Completed	TCO expires 5/31/22	Completed	Completed	Completed	Completed	Completed	Completed
Attic Stock	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed
Training	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed
Specific Easements	Completed	Completed	Completed	Completed	Completed	N/A	REM is processing	N/A	N/A
Sustainability Letter & Score Card	Completed	Completed	Completed	Completed	Completed	Completed	Completed	N/A	N/A
OEF 564 - Cost Breakdown Info	Completed	Completed	Completed	Completed	Completed	Completed	Completed	N/A	N/A
Final CRs & COs (excluding ODP / GMP reconciliation)	Completed	Completed	(2) CRs	Completed	Completed	Completed	(2) CRs & Time Extension CO	Completed	Completed
Final ODP Reconciliation Change Order	CO #6 Approved	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed
Final GMP Reconciliation Change Order	Completed	Completed	Pending other COs & CRs	Completed	BIC CM	PM Team is processing	Pending Other COs & CRs	BIC CM	BIC CM
Certificate of Final Inspection (CFI)	Completed	Completed	Pending final CO	BIC PM Team	Pending final CO	PM Team is processing	Pending final COs	Pending final CO	Pending final CO
Final Pay Application	Pending Board Meeting	Pending Board Meeting	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: April 2022 - March 2024



## **PROJECT STATUS REPORT**



## Construction Update as of May 19, 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. Project includes two phases.

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

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

**Project Status:** Construction fence is installed, installation of interior temporary partition walls level 1 and 2 is underway, and demolition is underway on the first floor and basement. The disconnection and separation of existing building utilities is taking place after hours. Night shift work is underway, beginning with demolition of front entry sidewalk and ramps.

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)**

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 grading and earth moving is underway. Site sanitary underground piping is complete. Underground storm piping also has begun. Underground mechanical trades are in progress in buildings 2 and 3. Building 1 footings are poured. Building 4 footings are being excavated and rebar installed.

The project is anticipated to be completed late May 2023.



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**Water Spring Middle School**

Image # 45  
Date 04.15.2022

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

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, curbing and parking lot base is installed. Sidewalks have started. Exterior cleaning and painting is underway. Canopy has begun. Roofing membrane is completed, finishing the coping. Above ceiling inspections have started on the first floor. Drywall is completed. Painting is underway on the first floor. Tile is completed in the kitchen area. Elevator install is underway.

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



OCPS Site 114 Elementary School  
4.18.22



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

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 the limerock grading of the parent and staff parking areas. Track curb has been poured and the limerock base installed. Windows and storefront are complete. Canopy install is progressing. Ceiling tile install is underway in multiple buildings. Gym floor is installed and bleachers are underway. Tile work is ongoing throughout the building. Millwork is also underway in every area of the school. Elevator is complete. Plumbing, Electrical and HVAC finishes are underway in all buildings.

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



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

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, sidewalk with canopy install is progressing. Parking lot paving is underway. Roofing membrane nearly complete, finishing coping. Exterior play area structure complete. Exterior painting 95% complete; windows are nearly complete, finishing with sealant; chiller installed and flushed, ready for startup; drywall complete; ceilings are underway on the second floor. Millwork is on site and has started on the first floor. Main electric feeder lines are pulled and ready for connection. Kitchen quarry tile is underway and ceramic tile is proceeding throughout the building.

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



OCPS Site 30 Elementary : Job 20678.00  
04-08-22



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

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. All site storm and sewer lines are complete. Canopy is nearly complete. Roofing membrane is complete. Exterior windows are complete. HVAC rough-out is nearly complete on second floor. Drywall is complete on both floors. Prime and texture of both floors is underway. Tile in the restrooms and kitchen area continuing. Exterior painting and texturing is 98% complete. Chillers are flushed and started.

The project is anticipated to be completed early June 2022.



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OCPS Site 89-E-W-4 Elementary School

Image # 03  
Date 04.19.2022

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

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 track paving; Parking lot curb complete. Sanitary Lift station is operational. Fine grading of site for sod and landscaping is underway. Perimeter fence is also nearly complete. The canopy install is complete. Elevator work is complete. Gym floor is complete and bleacher install is underway. Chillers are operational and cooling the building. Ceiling tile is 85% complete. VCT flooring and classroom carpet is complete and proceeding to common areas. Plumbing, Electrical and HVAC finishes have commenced on all floors. Kitchen quarry tile and wall tile complete, ready to receive kitchen equipment. Millwork has begun in the classroom area.

The project is anticipated to be completed late May 2022.



Site 90-K8-N-7 K-8 School Relief Project  
OCPS Project: S0094  
4.22.22



We currently have 18 projects in the planning or design phase:

**Planning**

- Oak Ridge HS Functional Equity
- 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**

- Colonial HS (Comprehensive)
- 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: **No change from last report.**

### Closeout

There are seven (7) projects in closeout.

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

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

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

## **Capital Renewal Update as of May 19, 2022**

There are 48 active projects (29 large, 15 intermediate, 4 small) currently in progress for improvements at 103 sites.

### **Planning**

We currently have 16 projects in planning at 68 sites. These include 9 large, 5 intermediate, and 2 small projects. Since last report, a new low voltage intrusion detection system replacement project at 5 sites and a new LED conversion pilot project at 3 sites was added. In addition, the exterior painting project at 26-Sites split into two groups, 17 and 9 sites respectively. Furthermore, LED retrofit at 06-sites and LED retrofit at 11-sites projects were removed from the report. They are on hold for at least a year while the FY22 LED conversion pilot at 03-Sites project is taking place.

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

### **Design**

We currently have 21 projects in design at 55 sites. These include 18 large and 3 intermediate projects. Since last report, a multi-system project at Apopka HS, a plumbing & multi-subsystem project at Liberty MS, and a HVAC renovation project at Dillard Street ES & Hiwassee ES moved from Planning to Design. In addition, projects at Bonneville ES, Legacy MS, and Washington Shores PLC were combined into a single HVAC project at those three sites.

### **Construction**

We currently have 11 projects in construction at 13 sites. These include 2 large, 7 intermediate and 2 small projects. Since last report, a cooling tower refurbishment project at Edgewater HS and Piedmont Lakes MS moved from Planning to Construction and the CEP A/C replacement project at Jones HS moved from Construction to Close-out.

## **Capital Renewal Update as of May 19, 2022**

### **Changes since 04/21/22**

#### **Planning**

- New project
  - o FY22 Low Voltage Intrusion Detection at 05-Sites – N0161.0
  - o FY22 LED Conversion Pilot at 03-Sites – N0159.0
  - o N0123.0 Exterior Painting at 26-Sites split into N0123.0 FY22 Exterior Painting Group 1 and N0162.0 FY22 Exterior Painting Group 2
- Removed projects
  - o LED Retrofit at 06-Sites – N0153.0
  - o LED Retrofit at 11-Sites – N0154.0
- Moved to Design
  - o Apopka HS – N0136.0 Multi-System
  - o HVAC at 02-Sites – N0125.0
  - o Liberty MS – N0141.0 Plumbing / Multi-Subsystem
- Moved to Construction
  - o Cooling Tower Refurbishment at 02-Sites – N0130.0

#### **Design**

- New project
  - o N0027.0 Bonneville ES Ph1, N0027.2 Bonneville ES Ph2, N0126.0 Legacy MS, and N0135.0 Washington Shores PLC was combined into TBD HVAC at 03-Sites project.
- Moved from Planning
  - o Apopka HS – N0136.0 Multi-System
  - o HVAC at 02-Sites – N0125.0
  - o Liberty MS – N0141.0 Plumbing / Multi-Subsystem

#### **Construction**

- Moved from Planning
  - o Cooling Tower Refurbishment at 02-Sites – N0130.0
- Moved to Close-out
  - o Jones HS – N0059.6 CEP A/C Replacement

#### **Close-out**

- Moved from Construction
  - o Jones HS – N0059.6 CEP A/C Replacement

#### **Complete**

- No change since last report

## **Capital Renewal Update as of May 19, 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 May 19, 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  
April 2022

There are no significant change orders or amendments to report for the month of April 2022.

Facilities & Construction Contracting

Board Report for April 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	Avalon MS & Meadowbrook MS	Raymond Engineering-Georgia, Inc.	Amendment	2005SCON RAYMOND	2	\$0.00	Architectural & Engineering Services	2005PS	Staffing schedule modification to add fire protection services and staff for roofing, capital renewal project.	Catherine Sullivan, Sr. Facilities Manager, Design
2	District-Wide	NV5, Inc.	Amendment	1717CCON EE&G	5	\$0.00	Environmental Consulting Services	1717PS	Modification to add additional roofing consultant to Staffing Schedule and laboratory and equipment rental markup for continuing contract.	Craig A. Jackson, Sr. Construction Director
3	District-Wide	Wharton-Smith, Inc.	Amendment	19CM09CCON WHARTON	1	\$0.00	Construction Management Services	19CM09	Staffing schedule modification due to personnel changes for continuing contract.	Rory A. Salimbene, Acting Chief Facilities Officer
4	District-Wide	Terracon Consultants, Inc.	Amendment	1717CCON TERRACON	3	\$0.00	Environmental Consulting Services	1717PS	Staffing modification to add additional roofing consultant and laboratory and equipment rental fee for continuing contract.	Catherine Sullivan, Sr. Facilities Manager, Design
5	District-Wide	NV5, Inc.	Amendment	1517CCON PAGE	6	\$0.00	Geotechnical, Environmental & Construction Material Testing Services	1517PS	Staffing schedule modification to add new staff and additional subconsultants for continuing contract.	Catherine Sullivan, Sr. Facilities Manager, Design
6	Four Sites SY 2020-21 Roofing	Gallagher Bassett Services, Inc.	Amendment	1717115	1	\$1,664.00	Environmental Consulting Services	1717PS	Asbestos and roof core sampling to comply with NESHAP requirements at Sadler ES and Windermere ES for capital renewal project.	Catherine Sullivan, Sr. Facilities Manager, Design
7	Jones HS	McCree Design Builders, Inc.	Amendment	15CM02SCON MCCREE	4	\$0.00	Construction Management Services	15CM02	Contract modifications for terms and conditions related to E-Verify to comply with Section 448.095, Florida Statutes for building systems replacement capital renewal project.	Craig A. Jackson, Sr. Construction Director



Facilities & Construction Contracting

Board Report for April 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
8	Jones HS	Baker Barrios Architects, Inc.	Design Change Directive	1910010	1	\$19,004.37	Architectural & Engineering Services	1910PS	Additional design services for scope to accommodate the replacement of all quarry tile in serving line, kitchen, and kitchen support areas for FNS improvement, district wide capital project. (Est. Constr. Cost \$263,750.00).	Rory A. Salimbene, Acting Chief Facilities Officer
9	Lake Buena Vista HS 80-H-SW-4	Schenkel & Shultz, Inc.	Amendment	18RU22SCON SCHENKEL	6	-\$22,941.35	Architectural & Engineering Services	18RU22	Credit for design modifications and revisions to site plan, no longer needed for prototype, new relief project.	Rory A. Salimbene, Acting Chief Facilities Officer
10	Liberty MS	Welbro Building Corporation, Inc.	Amendment	14CM03SCON WELBRO	6	\$0.00	Construction Management Services	14CM03	Contract modifications for terms and conditions related to E-Verify to comply with Section 448.095, Florida Statutes for existing building renovation, capital renewal project.	Craig A. Jackson, Sr. Construction Director
11	Middle School Safety Enhancement - Group 6	Wharton-Smith, Inc.	Amendment	19CM09017	1	\$0.00	Construction Management Services	19CM09	Contract modification to correct scrivener's error in general requirement language for life safety project.	Craig A. Jackson, Sr. Construction Director
12	Orange Technical College - East Campus	GLE Associates, Inc.	Amendment	1717165	1	\$1,755.00	Environmental Consulting Services	1717PS	Air monitoring during asbestos abatement in Food Service, Music, Classroom, and Media Center Buildings for new school replacement project.	Catherine Sullivan, Sr. Facilities Manager, Design

\*Not Funded by Sales Tax or Capital Renewal

Facilities & Construction Contracting

Board Report for April 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	Williams Company Building Division, Inc.	Change Order	17CM11SC ON WILLIAMS	1	3	(\$139,365.05)	Construction Management Services	17CM11	Final GMP reconciliation for on-site replacement project.		Rory A. Salimbene, Acting Chief Facilities Officer
2	Colonial 9th Grade Center	T & G Corporation d.b.a. T & G Constructors	Change Order	15CM12SC ON T&G	2	4	\$14,037.15	Construction Management Services	15CM12	Cost and time to reconcile CCD 2 (\$60,000.00 and 109 days) due to 1) delayed equipment deliveries, 2) BCCO inspections, 3) duct heater revisions, and 4) additional general condition expenses for building systems renovation, capital renewal project.		Craig A. Jackson, Sr. Construction Director
3	CTE Adult Education Center 204-AE-N-7 *	McCree Design Builders, Inc.	Construction Change Directive	2111314CON MCCREE		1	\$81,000.00	Construction Services	RSQ 2111314	Cost and time to add work associated with unforeseen subsurface conditions for district wide project.		Superintendent / Rory A. Salimbene, Acting Chief Facilities Officer
4	Elementary School Site 114-E-W-4 *	Williams Company Building Division, Inc.	Change Order	20CM10SC ON WILLIAMS	1	4	-\$1,200,000.00	Construction Management Services	20CM10	Estimated ODP for prototype new school relief project.		Rory A. Salimbene, Acting Chief Facilities Officer
5	Elementary School Site 114-E-W-4 *	Williams Company Building Division, Inc.	Construction Change Directive	20CM10SC ON WILLIAMS	1	2	\$0.00	Construction Management Services	20CM10	Use of GMP allowance for the installation of traffic signal at Seidel Road and Summerlake Grove Street for prototype new school relief project.		Craig A. Jackson, Sr. Construction Director

Facilities & Construction Contracting

Board Report for April 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	18CM03SC ON CHARLES	1	4	\$44,000.00	Construction Management Services	18CM03	Installation of paint booth exhaust system (\$39,600.00 - A/E omission and \$4,400.00 - A/E error) for existing Magnolia School replacement and new behavior center facility for new school project.		Rory A. Salimbene, Acting Chief Facilities Officer
7	Exceptional Student Education Campus Consolidation 300-SS-NW-5	Charles Perry Partners, Inc.	Change Order	18CM03SC ON CHARLES	1	6	\$0.00	Construction Management Services	18CM03	Use of GMP DAS allowance (\$80,700.00 out of (\$200,000.00) for implementation of safety enhancement distributed antenna system for existing Magnolia School replacement and new behavior center facility for new school project.		Craig A. Jackson, Sr. Construction Director

Facilities & Construction Contracting

Board Report for April 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
8	Exceptional Student Education Campus Consolidation 300-SS-NW-5	Charles Perry Partners, Inc.	Change Order	18CM03SC ON CHARLES	1	8	(\$9,734.72)	Construction Management Services	18CM03	Cost and time to reconcile CCD 01, 02, 03 and 04 for 1) flammable storage room exhaust duct, 2) water shut-off valve, 3) guard booth access lanes and 4) exhaust paint booth for Magnolia School replacement and new behavior center facility new school project.		Craig A. Jackson, Sr. Construction Director
9	Exceptional Student Education Campus Consolidation 300-SS-NW-5	Charles Perry Partners, Inc.	Change Order	18CM03SC ON CHARLES	1	9	\$1,067,817.66	Construction Management Services	18CM03	ODP reconciliation for Magnolia School replacement and new behavior center facility, new school project.	22.2% of original contract amount	Rory A. Salimbene, Acting Chief Facilities Officer
10	Hamlin ES 89-E-W-4 *	Welbro Building Corporation, Inc.	Construction Change Directive	20CM01SC ON WELBRO	2	1	\$0.00	Construction Management Services	20CM01	Use of material cost escalation GMP allowance (\$200,000.00) for prototype new school relief project.		Craig A. Jackson, Sr. Construction Director
11	Meadow Woods MS	Wharton-Smith, Inc.	Change Order	18CM26SC ON WHARTON	1	10	\$36,679.16	Construction Management Services	18CM26	Estimated ODP reconciliation for comprehensive project.	22.4%	Rory A. Salimbene, Acting Chief Facilities Officer
12	Oakshire ES & Pinewood ES	Johnson-Laux Construction, LLC	Change Order	17CM03SC ON JOHNSON	3	7	(\$631,478.41)	Construction Management Services	17CM03	Final GMP reconciliation for capital renewal project.		Rory A. Salimbene, Acting Chief Facilities Officer

Facilities & Construction Contracting

Board Report for April 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
13	Riverdale ES & Lakeville ES	CORE Construction Services of Florida, LLC	PO Change	19CM02SC ON CORE		1	(\$3,071.16)	Construction Management Services	19CM02	Cost to reconcile pre-construction services for HVAC renovation and radio enhancement distributed antenna system installation, capital renewal project.		Craig A. Jackson, Sr. Construction Director
14	Southwest MS	Walker & Company, Inc.	Change Order	17CM13SC ON WALKER	1	8	(\$10,984.40)	Construction Management Services	17CM13	Cost and time to reconcile CCD 07 (\$25,500.00) to add access service panels for comprehensive project.		Craig A. Jackson, Sr. Construction Director
15	Stonewyck ES 30-E-SE-3 *	Pirtle Construction Company	Change Order	20CM07SC ON PIRTLE	1	2	(\$39,207.00)	Construction Management Services	20CM07	Credit to reconcile CCD 01 for the use of material cost escalation GMP allowance of \$200,000.00 for prototype new school relief project.		Rory A. Salimbene, Acting Chief Facilities Officer
16	Stonewyck ES 30-E-SE-3 *	Pirtle Construction Company	Construction Change Directive	20CM07SC ON PIRTLE	1	1	\$0.00	Construction Management Services	20CM07	Use of material cost escalation GMP allowance (\$200,000.00) due to delivery delays for prototype new school relief project.		Craig A. Jackson, Sr. Construction Director
17	Stonewyck ES 30-E-SE-3 *	Pirtle Construction Company	Construction Change Directive	20CM07SC ON PIRTLE	1	2	\$0.00	Construction Management Services	20CM07	Use of storm line and drainage structure GMP allowance of \$90,800.00 for prototype new school relief project.		Craig A. Jackson, Sr. Construction Director

Facilities & Construction Contracting

Board Report for April 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
18	Summerlake ES 85-E-W-4 *	OHL-Arellano Construction Company	Change Order	18CM17SC ON OHL	1	7	\$2,515.15	Construction Management Services	18CM17	Cost and time to reconcile CCD 1 (\$92,000.00) for interior uplift of 14 portables and a 38 day time extension for fencing, prototype new school relief project.		Craig A. Jackson, Sr. Construction Director
19	Village Park ES 43-E-SE-2	Pirtle Construction Company	PO Change	19CM13SC ON PIRTLE		1	(\$4,596.93)	Construction Management Services	19CM13	Cost to reconcile pre-construction services for prototype new school relief.		Catherine Sullivan, Sr. Facilities Manager, Design
20	Vista Pointe ES 83-E-SE-3 *	Charles Perry Partners, Inc.	Change Order	18CM18SC ON CHARLES	3	8	\$12,171.21	Construction Management Services	18CM18	ODP reconciliation for prototype new school relief project.	28.3%	Rory A. Salimbene, Acting Chief Facilities Officer
21	Windermere HS *	Wharton-Smith, Inc.	Change Order	19CM09033 B		4	\$73,526.90	Construction Management Services	19CM09	ODP reconciliation for portable project.	9.8%	Rory A. Salimbene, Acting Chief Facilities Officer
22	Winegard ES Replacement	Williams Company Building Division, Inc.	Construction Change Directive	18CM09SC ON WILLIAMS	1	3	\$17,000.00	Construction Management Services	18CM09	Cost and time to install downspouts and storm pipe for prototype new school replacement project.		Craig A. Jackson, Sr. Construction Director

\*Not Funded by Sales Tax or Capital Renewal

**OCPS FACILITIES & CONSTRUCTION CONTRACTING**  
**RFQs in Progress: APRIL-MAY 2022**

No.	Contract Description	Pre Submittal Meeting	Open Date	Shortlist Meeting	Interview Meeting	Board / CFO Date	Construction Budget	Firm(s) Awarded	Status
RFQ 2202PS	Continuing Contract for Structural Engineering Services	3/29/2022	4/12/2022	4/26/2022	N/A	5/10/2022	N/A	AVCON Inc. BASE Consultants Inc. Bentley Architects + Engineers Inc. Graef-USA Inc. Master Consulting Engineers Inc.	Awarded
RFQ 2203PS	Continuing Contract for Building Envelope Consultant Services	3/29/2022	4/13/2022	4/27/2022	N/A	5/10/2022	N/A	A/R/C Associates Inc. Gale Associates Inc. Jay Ammon Architect Inc. NOVA Engineering and Environmental LLC Terracon Consultants Inc.	Awarded
RFQ 2204PS	A/E Services for Westbrooke ES Mechanical (HVAC) Capital Renewal Project	4/25/2022	5/10/2022	5/18/2022	6/14/2022	6/28/2022	\$3,896,000.00		On-Going
RFQ 2205CM	CM Services for Westbrooke ES Mechanical (HVAC) Capital Renewal Project	4/25/2022	5/10/2022	5/20/2022	6/15/2022	6/28/2022	\$3,896,000.00		On-Going
RFQ 2206CM	CM Services for Andover ES HVAC Capital Renewal Project	5/3/2022	5/18/2022	6/13/2022	6/28/2022	7/12/2022	\$4,400,000.00		On-Going
RFQ 2207PS	A/E Services for Oak Ridge HS Classroom Addition Functional Equity Project	5/10/2022	6/1/2022	6/21/2022	7/5/2022	7/26/2022	\$9,200,000.00		On-Going
RFQ 2208CM	CM Services for Oak Ridge HS Classroom Addition Functional Equity Project	5/10/2022	6/1/2022	6/22/2022	7/6/2022	7/26/2022	\$9,200,000.00		On-Going

**PRESENTATIONS**





## 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.