



COVE Update

CITIZENS' CONSTRUCTION OVERSIGHT AND VALUE ENGINEERING

July 2022

COVE Update

July 2022

1. COVE meeting scheduled for July 21, 2022

- Members voted to cancel during June 16, 2022 meeting

2. School Tour on Thursday, August 4, 2022, at 8:00 AM

Magnolia School and Silver Pines Academy K-12 Learning Center
1900 Matterhorn Drive, Orlando, Florida

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. Discussion and Adjournment

- Next COVE meeting scheduled for Thursday, September 15, 2022



Magnolia School

1900 Matterhorn Drive, Orlando, FL



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	% Difference	Difference	% Difference	Difference	% Difference	Cum Difference	% Cum Difference
										Monthly	Monthly	Year To Date	Year To Date	With Prior Year	With Prior Year	With Prior Year	With Prior Year
June	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%
July	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%
August	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%
Quarter - Distribution	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%
Quarter - Total	53,034,763.51	54,443,031.36	60,004,790.27	65,221,961.14	68,837,881.27	44,468,184.00	55,469,981.00	73,439,633.00				17,969,652.00	32.40%			28,971,449.00	65.15%
September	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%
October	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%
November	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%
Quarter - Distribution	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%
Quarter - Total	53,200,654.61	56,315,509.10	62,044,942.70	66,701,213.53	69,999,923.36	52,284,704.02	58,719,299.00	78,870,868.64				38,121,221.64	33.38%			55,557,613.62	57.42%
First 1/2 Year Total	106,235,418.12	110,758,540.46	122,049,732.97	131,923,174.67	138,837,804.63	96,752,888.02	114,189,280.00	152,310,501.64				38,121,221.64	33.38%			55,557,613.62	57.42%
December	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%
January	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%
February	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%
Quarter - Distribution	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	8,256,308.49	5/13/2022	4,414,190.49	114.89%	62,248,938.14	35.36%	3,346,851.29	68.17%	86,292,057.92	56.77%
Quarter - Total	57,068,931.24	59,238,046.08	67,256,968.87	69,412,273.34	74,438,971.93	55,257,984.20	61,864,712.00	85,992,428.50				62,248,938.14	35.36%			86,292,057.92	56.77%
3/4 Year Total	163,304,349.36	169,996,586.54	189,306,701.84	201,335,448.01	213,276,776.56	152,010,872.22	176,053,992.00	238,302,930.14				62,248,938.14	35.36%			86,292,057.92	56.77%
March	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	31,317,506.73	5/27/2022	10,978,070.73	53.97%	73,227,008.87	37.29%	7,656,613.39	32.36%	93,948,671.31	53.48%
April	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	28,431,165.93	6/24/2022	11,723,119.93	70.16%	84,950,128.80	39.86%	6,918,784.34	32.16%	100,867,455.65	51.15%
May	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%
Quarter - Distribution	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%
Quarter - Total	60,720,059.41	63,876,890.21	68,342,546.47	73,121,450.76	40,688,403.31	71,636,993.90	57,619,709.00	59,748,672.66				-	0.00%	-	0.00%	-	0.00%
Second 1/2 Year Total	117,788,990.65	123,114,936.29	135,599,515.34	142,533,724.10	115,127,375.24	126,894,978.10	119,484,421.00	145,741,101.16				-	0.00%	-	0.00%	-	0.00%
Annual Total	\$ 224,024,408.77	\$ 233,873,476.75	\$ 257,649,248.31	\$ 274,456,898.77	\$ 253,965,179.87	\$ 223,647,866.12	\$ 233,673,700.00	\$ 298,051,602.80				-	0.00%	-	0.00%	-	0.00%

Orange County Public Schools Sales Tax Collection History

Fiscal Year	Amount
2003	48,842,739.57
2004	138,701,456.04
2005	149,353,778.11
2006	166,421,562.32
2007	170,597,435.85
2008	166,190,269.10
2009	154,176,277.50
2010	150,843,956.58
2011	163,594,345.29
2012	170,826,443.50
2013	181,301,579.35
2014	191,770,162.65
2015	209,540,612.56
2016	224,024,408.77
2017	233,873,476.75
2018	257,649,248.31
2019	274,456,898.77
2020	253,965,179.87
2021	223,647,866.12
2022	298,051,602.80 *
Total	3,827,829,299.81

* Amount collected thru April 2022

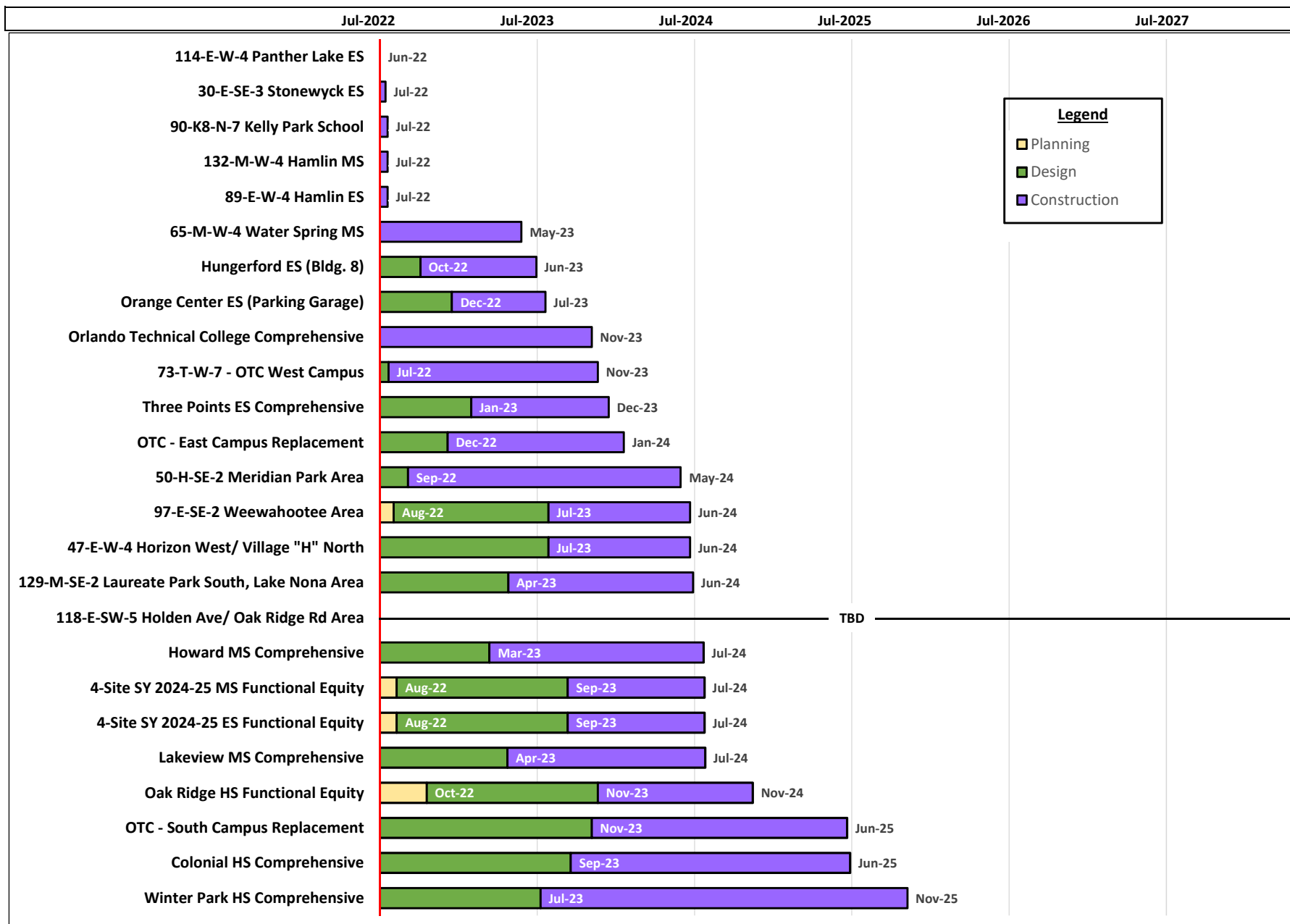
Impact Fees Collections

	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	16,810,116
June	18,571,747	14,645,906	14,200,335	21,268,703	3,646,407
Total	79,092,436	64,641,613	65,864,685	61,095,416	68,201,907

As of 7-5-22

MASTER SCHEDULE UPDATE

Capital Program Schedule Summary



Capital Program Schedule Summary

Variance Report

Project	Design NTP	Construction NTP	Substantial Completion	Explanations
114-E-W-4 Panther Lake ES			-3 days	construction completion delays due to supply chain and labor resource issues. Second phase established for playground equipment with a target completion date in July 2022. Third phase established for traffic signals with a target completion in November 2022.
30-E-SE-3 Stonewyck ES			-15 days	construction completion delays due to supply chain and labor resource issues. Second phase established for offsite work with a target completion date in August 2022.
90-K8-N-7 Kelly Park School			-36 days	construction completion delays due to supply chain and labor resource issues
132-M-W-4 Hamlin MS			-36 days	construction completion delays due to supply chain and labor resource issues
89-E-W-4 Hamlin ES			-20 days	construction completion delays due to supply chain and labor resource issues
97-E-SE-2 Weewahootee Area	-34 days			Delay during A/E fee negotiations
129-M-SE-2 Laureate Park South, Lake Nona Area		-41 days		lengthier PV design phase
4-Site SY 2024-25 MS Functional Equity	-42 days	-42 days		Delay during A/E fee negotiations
4-Site SY 2024-25 ES Functional Equity	-42 days	-42 days		Delay during A/E fee negotiations
Colonial HS Comprehensive		-21 days		lengthier design phase; delay during A/E fee negotiations

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
 July 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				
PLANNING PHASE																			
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	-												
		Sub Total	58,200,000	-	58,200,000	58,200,000	-												
DESIGN PHASE																			
Impact	New	Site 47-E-W-4	29,100,000	-	29,100,000	29,100,000	-												
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	
		Sub Total	349,439,000	-	349,439,000	349,439,000	-												
CONSTRUCTION PHASE																			
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	7/20/2022		GMP	Welbro	Schenkel	
Impact	New	Hamlin MS (Site 132-M-W-4)	41,341,000	-	41,341,000	40,528,000	813,000	33,517,251	(176,872)	3	(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	27,760,000	400,000	23,414,093	(197,490)	3	(7,053,523)	2	6/29/2021	11/17/2022		GMP	Williams	BRPH	
Impact	New	Stonewyck ES (Site 30-E-SE-3)	27,160,000	-	27,160,000	26,410,000	750,000	21,446,642	459,293	4	(6,000,182)	2	7/6/2021	8/2/2022		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	35,639,000	645,000	28,521,196	-		(8,555,000)	2	2/3/2021	5/31/2022		GMP	Wharton	Zyscovich	
		Sub Total	206,661,000	-	206,661,000	204,053,000	2,608,000	168,686,427	75,644	11	(48,391,982)	12							
CLOSE OUT PHASE																			
Impact	New	Lake Buena Vista HS (Site 80-H-SW-4)	115,040,000	-	115,040,000	110,874,000	4,166,000	95,607,634	244,522	4	(23,659,805)	4	9/17/2019	6/4/2021	412	GMP	Pirtle	Schenkel	
Sales Tax	New	Horizon HS (Site 113-H-W-4)	111,198,000	-	111,198,000	108,086,000	3,112,000	91,839,192	930,343	8	(24,956,854)	11	10/30/2019	2/7/2022	164	GMP	Wharton	Schenkel	
Sales Tax		Magnolia School and Silver Pines Academy K-12 Learning Center	46,849,000	-	46,849,000	46,085,000	764,000	38,630,833	(208,935)	6	(8,589,890)	2	7/3/2019	8/11/2021	344	GMP	CPPI	Harvard Jolly	
		Sub Total	273,087,000	-	273,087,000	265,045,000	8,042,000	226,077,659	965,930	18	(57,206,549)	17		Actual					
Grand Total			887,387,000	-	887,387,000	876,737,000	10,650,000	394,764,086	1,041,574	29	(105,598,531)	29							

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

- Hamlin MS (Site 132-M-W-4) - HVAC (VFDs) Equipment delays due to supply chain issues. Projected completion in July 2022.
- Kelly Park School (Site 90-K8-N-7) - Delays resulting from scarcity in resources impacting final inspections. Projected completion in July 2022

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, and reconciliation of final project costs. Projected date of closeout is August 2022.
- Horizon HS (Site 113-H-W-4) - Completion of closeout deliverables, and reconciliation of final project costs. Projected date of closeout is August 2022.
- Magnolia School and Silver Pines Academy K-12 Learning Center - Reconciliation of final project costs required. Projected date of closeout is July 2022.



PROJECT STATUS SUMMARY REPORT

COMPREHENSIVE SCHOOLS

July 21, 2022

Funding Source	Priority #	School Name	F1 FY 2022 Board Adopted Budget	F2 Adopted Budget Changes	F3 Current Board Adopted Budget	Estimated Cost At Completion	Variance	GMP Amount	F4 Construction Change Orders		F5 ODP Change Orders		Approved Construction		F6 Number of Days Past Substantial (Close-out)	Contract Type	CM / GC Firm	AE Firm	
									Amount	#	Deducts	#	NTP Construct	Contract Subst. Com					
Budget										Schedule				Contracting					
PLANNING PHASE																			
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	-												
		Sub Total	70,921,000	-	70,921,000	70,921,000	-												
DESIGN PHASE																			
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
		Sub Total	288,203,000	-	288,203,000	288,203,000	-												
CONSTRUCTION PHASE																			
Sales Tax	136	Orange Technical College	44,520,000	-	44,520,000	44,520,000	-	33,641,632	-	(5,932,626)	1	3/24/2022	11/6/2023					Gilbane	Harvard Jolly
		Sub Total	44,520,000	-	44,520,000	44,520,000	-	33,641,632	-	(5,932,626)	1								
CLOSE OUT PHASE																			
		Sub Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grand Total			403,644,000	-	403,644,000	403,644,000	-	33,641,632	-	(5,932,626)	1								

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- F6 - Reflects number of days beyond substantial completion. See justification below under Close Out Delays.

Multiple Sites Projects

1. 4-Site SY 2024-25 MS Functional Equity includes improvements at 4 sites: Apopka MS, College Park MS, Hunters Creek MS, and Westridge MS
2. 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

Meadow Woods MS

Final Budget Variance

(\$1,783,000)

Final ODP %

18.28%

Close Out Delays

None



Project Status Summary Report

Capital Renewal Projects (Note 1)

July 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.							
PLANNING PHASE																Budget						Schedule		Contracting										
Boone HS	22-Yr	N0031.8	Sm						✓							-	312,000	312,000	312,000	-														
Chiller Repl at 04-Sites	-	N0151.0	Lg						✓	✓						3,453,000	-	3,453,000	3,453,000	-														
Eagle's Nest ES	19-Yr	N0164.0	Sm							✓						70,000	-	70,000	70,000	-														
Edgewater HS	12-Yr	N0165.0	Sm								✓					55,537	-	55,537	55,537	-														
Evans HS	12-Yr	N0150.0	Sm						✓	✓						232,000	-	232,000	232,000	-														
Evans HS	12-Yr	N0166.0	Sm						✓	✓						-	156,000	156,000	156,000	-														
FY22 Exterior Painting Group 1	-	N0123.0	Int				✓									2,325,000	-	2,325,000	2,325,000	-														
FY22 Exterior Painting Group 2	-	N0162.0	Lg				✓									3,357,000	-	3,357,000	3,357,000	-														
FY22 Low Voltage CCTV at 18-Sites	-	N0158.0	Lg										✓			5,472,000	-	5,472,000	5,472,000	-														
FY22 Low Voltage Intrusion Detection at 05-Sites	-	N0161.0	Int										✓			600,000	-	600,000	600,000	-														
FY22 LED Conversion Pilot at 03-Sites	-	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	Lg						✓	✓						2,930,000	2,134,000	5,064,000	5,064,000	-														
West Oaks ES	18-Yr	N0143.16	Sm		✓											68,000	-	68,000	68,000	-														
SUBTOTAL (Planning)		20 Projects	69 Sites													81,891,537	2,602,000	84,493,537	84,493,537	-														
DESIGN / PRE-CONSTRUCTION PHASE																																		
Andover ES	17-Yr	N0124.0	Lg		✓				✓	✓						3,200,000	2,520,000	5,720,000	5,720,000	-											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						✓	✓						22,289,000	-	22,289,000	22,289,000	-									Johnson-Laux	TLC Engineering				
HVAC at 03-Sites	-	N0168.0	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				
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	3,290,000	6,890,000	6,890,000	-									T&G Constructors	Baker Barrios				
Low Voltage at 38-Sites	-	N0120.0	Lg									✓	✓			29,180,000	-	29,180,000	29,180,000	-									TBD	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		✓						✓					8,474,000	-	8,474,000	8,474,000	-									CORE	Raymond				
Roofing at 04-Sites	-	N0102.0	Lg		✓											3,125,000	-	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				
SUBTOTAL (Design/Pre-Con)		20 Projects	54 Sites													182,436,000	5,810,000	188,246,000	188,246,000	-														



Project Status Summary Report

Capital Renewal Projects (Note 1)

July 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					
CONSTRUCTION PHASE																Budget						Actual		Contracting								
Avalon MS	16-Yr	N0163.0	Sm								✓					-	67,990	67,990	67,990	-	67,900	-	-	-	-	05/18/22	08/01/22		TERM SERV	TERM SERV	N/A	
Blankner K8	21-Yr	N0117.0	Sm	✓												300,000	-	300,000	300,000	-	92,610	-	-	-	-	09/09/21	07/22/22		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	-	726,813	-	-	-	-	03/11/22	02/17/23		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	-	317,780	-	-	-	-	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	11/30/22		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	N0059.3	Lg		✓											6,757,000	-	6,757,000	6,757,000	-	5,643,940	-	-	-	-	06/27/22	05/03/24		GMP	McCree	KBJ	
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	07/29/22		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	12/16/22		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	
SUBTOTAL (Construction)		13 Projects	15 Sites													27,111,000	67,990	27,178,990	27,178,990	-	20,984,877	-	-	(1,267,990)	3							
SUBTOTAL (Active)		53 Projects	103 Sites													291,438,537	8,479,990	299,918,527	299,918,527	-	20,984,877	-	-	(1,267,990)	3							
CLOSE-OUT																						Actual										
SUBTOTAL (Close-Out)		0 Projects	0 Sites													-	-	-	-	-	-	-	-	-	-	-	-					
GRAND TOTAL		276 Projects	127 Sites																													

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

Completion Delays
 Wolf Lake MS (N0086.0) - Delay in shipment of HVAC and controls equipment. Projected substantial completion date is August 2022.

Projects Closed Since Last Report **Final Budget Variance** **Final ODP %**
 Jones HS (N0059.2) (\$1,443,000) 14.5%

Close Out Delays
 None



Project Status Summary Report

Capital Renewal Projects (Note 1)

July 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	
PLANNING PHASE				
Boone HS	22-Yr	N0031.8	Sm	Added project
Evans HS	12-Yr	N0166.0	Sm	Added project
Westbrooke ES	14-Yr	N0155.0	Lg	Budget updated to account for recent market conditions and incidental scope requirements.
DESIGN PHASE				
Andover ES	17-Yr	N0124.0	Lg	Budget updated to account for recent market conditions and incidental scope requirements.
Lockhart MS	14-Yr	N0138.0	Lg	Budget updated to account for recent market conditions and incidental scope requirements.
CONSTRUCTION PHASE				
Avalon MS	19-Yr	N0163.0	Sm	Added project

- 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 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

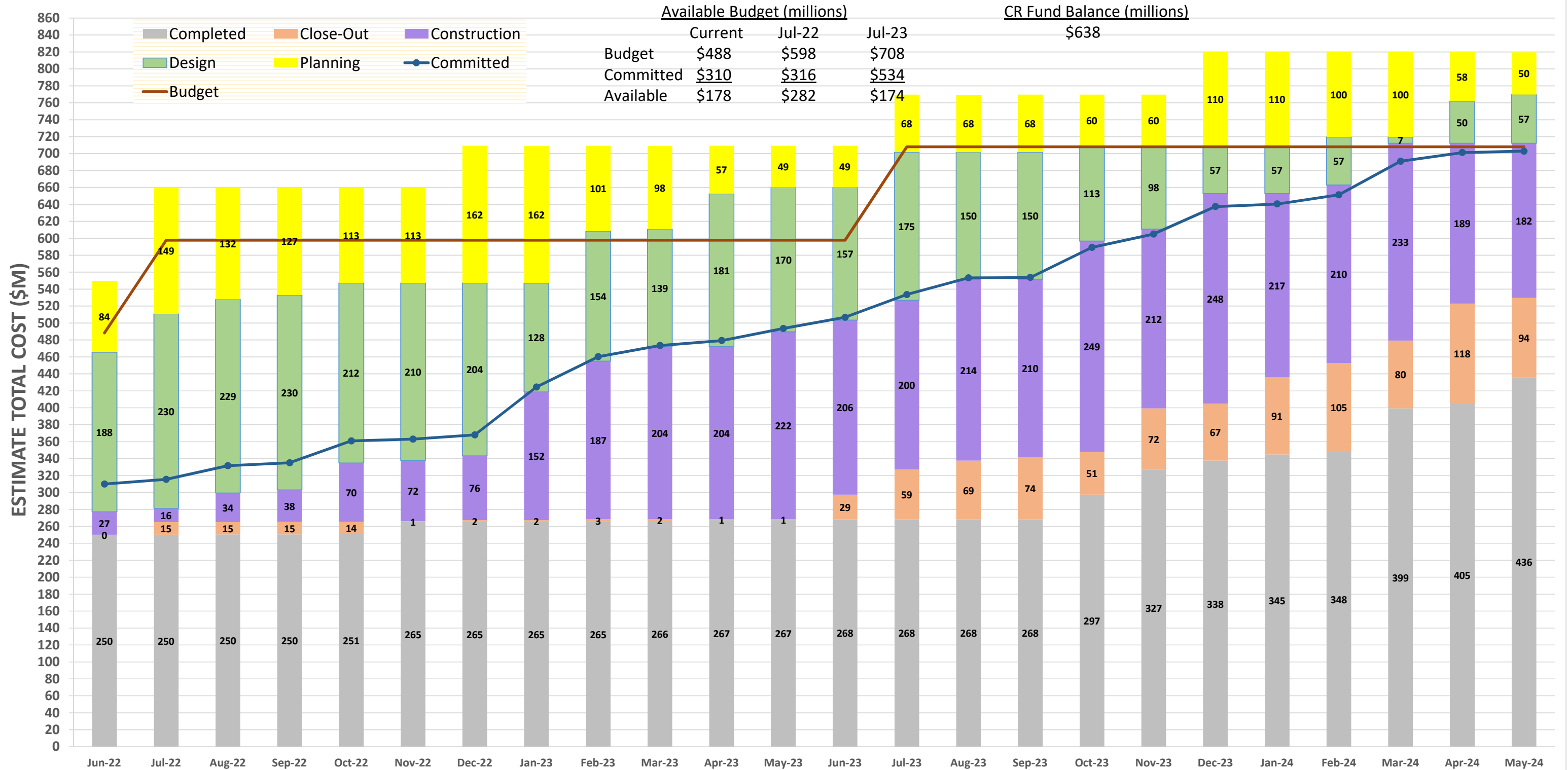
CAPITAL RENEWAL

	Lake Buena Vista HS	Magnolia School & Silver Pines Academy	Horizon HS	Jones HS
Project Number	S-0089	C-0097	S-0089	N-0059.2
Project Manager	Cass Hurst	Maher Chatila	Cass Hurst	Brian Gainous
Architect of Record	Schenkel Shultz	Harvard Jolly	Schenkel Shultz	KBJ
Construction Manager	Pirtle	CPPI	Wharton Smith	McCree
Substantial Completion	06/07/21	07/02/21	01/28/22	05/14/21
Closeout Complete (Exhibit H)	August '22	July '22	August '22	May '24

CLOSEOUT DELIVERABLE				
O & M Manuals	Completed	Completed	Completed	Completed
Environmental Closeout Manual	Completed	Completed	Completed	Completed
Warranty Certificates	Completed	Completed	1 missing	Completed
Master Consolidated Punch List (signed-off)	5 sign-offs missing	Completed	9 sign-offs missing	Completed
Return of Items Procured w/GRs (\$75+)	Completed	Completed	Completed	Completed
As-Built Drawings	Completed	Completed	WIP	Completed
As-Built Project Manuals	Completed	Completed	WIP	Completed
Record Drawings & Project Manuals	Completed	Completed	WIP	Completed
Certificate of Substantial Completion	Completed	Completed	Completed	Completed
Certificate of Occupancy	TCO expires 11/18/22	Completed	Completed	Completed
Attic Stock	Completed	Completed	Completed	Completed
Training	Completed	Completed	Completed	Completed
Specific Easements	Completed	Completed	REM is processing	N/A
Sustainability Letter & Score Card	Completed	Completed	Completed	N/A
OEF 564 - Cost Breakdown Info	Completed	Completed	Completed	N/A
Final CRs & COs (excluding ODP / GMP reconciliation)	2 credit CRs	Completed	2 COs (reconcile CCDs)	Completed
Final ODP Reconciliation Change Order	Completed	Completed	Completed	Completed
Final GMP Reconciliation Change Order	2 GMP COs	Under OCPS Review	4 GMP COs	Completed
Certificate of Final Inspection (CFI)	Pending final CO	Draft Copy Prepared	Pending final COs	Pending Roofing Project
Final Pay Application	Pending Final CO & CFI	Pending Final CO & CFI	Pending Final CO & CFI	Pending Roofing Project

Capital Renewal Forecast

Reporting Period: June 2022 - May 2024



PROJECT STATUS REPORT

Capital Construction Update as of July 21, 2022

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: Demolition of the 1st and 2nd floors are complete. Third floor demo ongoing. Safety partitions and utilities disconnects are continuing on the 4th and 5th floors. First floor underground plumbing rough-out is ongoing. Second floor wall layout is complete and framing has begun. Demolition of the cooling towers is complete.

Project is forecasted to be complete November 2023.



Capital Construction Update as of July 21, 2022

Six (6) New Relief 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 a 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 continues and ponds are laid out ready to excavate. Storm underground is ongoing. Building 1 tilt panel forms ongoing; Building 2 tilt panel inspections are underway; Building 3 tilt panel rebar and MEP continuing; Building 4 slab on grade poured at gym; the Crane roads for Buildings 1 through 4 have been completed.

The project is anticipated to be completed late May 2023.



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Water Spring Middle School

Image # 36
Date 06.28.2022

Capital Construction Update as of July 21, 2022

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

Project Status: Substantial completion anticipated for mid-July. Final Inspections are ongoing and FF & E is underway.

Phase 2 Playground Equipment: Work is nearly complete, anticipated completion mid-July.

Phase 3 Off-site Traffic Signal on Seidel Road: Work is underway. Signal mast arms are ordered. Anticipated completion mid-November.



Panther Lake Elementary School (Site 114)

6.16.22



Capital Construction Update as of July 21, 2022

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

Project Status: Substantial completion anticipated for mid-July. Final Inspections are ongoing and FF & E is underway.



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Hamlin Middle School

Image# 51

Date: 06.16.2022

Capital Construction Update as of July 21, 2022

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

Project Status: Substantial completion anticipated for mid-July. Final Inspections are ongoing and FF & E is underway.

Phase 2 Off-site Roadway Widening: Work is underway, and continues with new curbing, inlets and base. Roadway to be paved and pavement markings to be installed. Anticipated to be complete early-August.



Stonewyck Elementary : Job 20678.00
06-06-22



Capital Construction Update as of July 21, 2022

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

Project Status: Substantial completion anticipated for mid-July. Final Inspections are ongoing and FF & E is underway.

Phase 2 Playground Equipment: Install is nearly complete. Anticipated completion mid-July.



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OCPs Site 89-E-W-4 Elementary School

Image # 17
Date 06.10.2022

Capital Construction Update as of July 21, 2022

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

Project Status: Substantial completion anticipated for mid-July. Final Inspections are ongoing and FF & E is underway.



Kelly Park School
OCPS Project: S0094
6.22.22



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

Planning

- Oak Ridge HS Functional Equity
- 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 47-E-W-4 Horizon West Area ES (Greenfield School)
- 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 three (3) projects in closeout.

There is one (1) project (listed in green) anticipated to achieve close out completion in July.

There are two (2) projects (listed in blue) anticipated to achieve close out completion in August.

- Horizon HS
- Lake Buena Vista High School
- Magnolia/Silver Pines Academy K-12

Capital Renewal Update as of July 21, 2022

There are 53 active projects (30 large, 14 intermediate, 9 small) currently in progress for improvements at 103 sites.

Planning

We currently have 20 projects in planning at 69 sites. These include 10 large, 4 intermediate, and 6 small projects. Since last report, a new parking lot restoration project at Boone HS was added. In addition, a new HVAC replacement project in building 32 at Evans HS was added.

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

Design

We currently have 20 projects in design at 54 sites. These include 17 large and 3 intermediate projects. Since last report, a roofing project at Jones HS moved from Design to Construction.

Construction

We currently have 13 projects in construction at 15 sites. These include 3 large, 7 intermediate and 3 small projects. A new water heater replacement project at Avalon MS was added since last report.

Capital Renewal Update as of July 21, 2022
Changes since 06/16/22

Planning

- New project
 - Boone HS – N0031.8 Parking Lot Restoration
 - Evans HS – N0166.0 Bldg. 32 HVAC

Design

- Moved to Construction
 - Jones HS – N0059.3 Roofing

Construction

- New project
 - Avalon MS – N0163.0 Water Heater Replacement
- Moved from Design
 - Jones HS – N0059.3 Roofing

Close-out

- Moved to Complete
 - Jones HS – N0059.2 Phase III Bldg. Envelope, Structural, CEP

Complete

- Moved from Close-out
 - Jones HS – N0059.2 Phase III Bldg. Envelope, Structural, CEP

Capital Renewal Update as of July 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 July 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

Capital Renewal Update as of July 21, 2022

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

West Orange High School – HVAC Renovation-HVAC Capital Renewal Project

Estimated Guaranteed Maximum Price: \$10,300,000

Heating, Ventilating and Air Conditioning (HVAC) Renovations

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

Electrical

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

CHANGE ORDER REPORTS

Change Orders Report

Facilities & Construction Contracting
June 2022

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

Facilities & Construction Contracting

COVE Report for June 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	Boone HS	BRPH Architects-Engineers, Inc.	Amendment	1405SCON 003BRPH	3	\$97,803.14	Architectural & Engineering Services	1405PS	Reconciliation of DCD's 1 to 6 (totaling \$97,803.14) for Snack bar - \$18,568.90, Acoustic panels - \$28,687.34, Serving line equipment redesign - \$5,546.22, Temporary serving line redesign - \$13,617.29, Design building envelope repairs - \$15,025.03 and Extended construction administrative services - \$16,358.36, respectively using capital, painting and capital renewal funds for Cafeteria Building 800 project.	Superintendent / Rory A. Salimbene, Acting Chief Facilities Officer
2	District-Wide	AECOM Technical Services Inc.	Amendment	21PM28CON AECOM	2	\$0.00	Program Management Support Services	21PM28	Staffing plan modifications to fill vacant positions and hours reconciliation to provide program management services to support annual program project and meet general responsibilities requirements for period 3/1/2022 to 2/28/2023 for program management contract.	Rory A. Salimbene, Acting Chief Facilities Officer
3	Four Sites SY 2020-21 Roofing	Gale Associates \South\, Inc.	Amendment	1307161	1	\$17,792.22	Building Envelope Consultant Services	1307PS	Additional design and construction administration services to update drawing and specifications to separate Lakeview MS project and add structural evaluation at Classrooms Building No. 3, for capital renewal project (No Est. Constr. Cost).	Rory A. Salimbene, Acting Chief Facilities Officer
4	Glenridge MS	T & G Corporation d.b.a. T & G Constructors	Amendment	20CM04SCON T&G	4	\$0.00	Construction Management Services	20CM04	Staffing amendment due to change in Project Administration appointment for multi-system capital renewal project.	Craig A. Jackson, Sr. Construction Director

Facilities & Construction Contracting

COVE Report for June 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
5	High School Site 50-H-SE-2	Zyscovich, Inc.	Amendment	2104SCON ZYSCOVICH	1	\$167,271.40	Architectural & Engineering Services	2104PS	Additional design and construction administration services for off-site roadway and infrastructure improvements necessary to comply with the City of Orlando Staff Report ratified by Municipal Planning Board and City Council for new school relief project.	Superintendent / Rory A. Salimbene, Acting Chief Facilities Officer
6	Ocoee HS Mechanical (HVAC)	T & G Corporation d.b.a. T & G Constructors	Amendment	21CM11SCON T&G	1	\$13,061.56	Construction Management Services	21CM11	Additional preconstruction services for select building systems and renovation of campus HVAC system capital renewal project (additional Est. Constr. Cost \$2,350,000.00).	Rory A. Salimbene, Acting Chief Facilities Officer
7	Orange Technical College - South Campus	Terracon Consultants, Inc.	Amendment	1517286	2	\$40,258.16	Geotechnical & Environmental Services	1517PS	Groundwater site assessment for comprehensive project.	Rory A. Salimbene, Acting Chief Facilities Officer
8	Water Spring MS 65-M-W-4	Harvard Jolly, Inc.	Amendment	20RU17SCON HARVARD	1	\$12,094.10	Architectural & Engineering Services	20RU17	Additional design and construction administration services to accommodate recent design guideline updates (owner request) and staffing schedule modification to change Principal in Charge (contract requirement) for prototype new school relief project (Est. Constr. Cost \$41,000.00).	Rory A. Salimbene, Acting Chief Facilities Officer

* Not Funded by Sales Tax or Capital Renewal

Facilities & Construction Contracting

COVE Report for June 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	Acceleration East	Clancy & Theys Construction Co.	Change Order	18CM12SCON CLANCY	1	4	(\$255,140.22)	Construction Management Services	18CM12	Final GMP reconciliation for replacement of existing roof, roof top units, controls, and lightning protection, capital project.		Rory A. Salimbene, Acting Chief Facilities Officer
2	CTE Adult Education Center 204-AE-N-7	McCree Design Builders, Inc.	Construction Change Directive	2111314CON MCCREE		2	\$0.00	Construction Services	RSQ2111 314	Time extension of 42 days to address unforeseen subsurface conditions, including backfill and compaction of area after removal of underground gasoline tanks for new two-story educational adult center building, capital project.		Craig A. Jackson, Sr. Construction Director
3	CTE Adult Education Center 204-AE-N-7	McCree Design Builders, Inc.	Change Order	2111314CON MCCREE		2	\$0.00	Construction Services	RSQ2111 314	Time extension of three days due to delay receiving contract documents for new two-story educational adult center building, capital project.		Craig A. Jackson, Sr. Construction Director

Facilities & Construction Contracting

COVE Report for June 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
4	Hamlin ES 89-E-W-4	Welbro Building Corporation, Inc.	Construction Change Directive	20CM01SCON WELBRO	2	2	\$0.00	Construction Management Services	20CM01	Time extension of 22 days for Phase 1 (main package with exception of playgrounds) and 44 days to establish Phase 2 (playgrounds) due to electrical switchgear equipment delays for prototype new relief project.		Craig A. Jackson, Sr. Construction Director
5	Hamlin MS 132-M-W-4	Welbro Building Corporation, Inc.	Change Order	20CM01SCON WELBRO	1	5	(\$13,293.00)	Construction Management Services	20CM01	Credit for 49 science laboratories stainless steel sinks due to conflicting information in project specifications that included costs from both plumbing and millwork contractors for prototype new school relief project.		Craig A. Jackson, Sr. Construction Director
6	Horizon HS 113-H-W-4	Wharton-Smith, Inc.	PO Change	18CM28SCON WHARTON		1	(\$1,267.21)	Construction Management Services	18CM28	Preconstruction reconciliation for prototype new school relief project.		Craig A. Jackson, Sr. Construction Director

Facilities & Construction Contracting

COVE Report for June 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
7	Jones HS	McCree Design Builders, Inc.	Change Order	15CM02SCON MCCREE	1	3	(\$245,203.31)	Construction Management Services	15CM02	Credit for unused allowance for connections and fencing at temporary chillers (\$322,362.69 of \$500,000.00), demolishing of existing east stairs and installation of new stairs at Classroom Building No. 5000 (\$95,044.00 of \$162,610.00) for building systems replacement, capital renewal project.		Superintendent / Rory A. Salimbene, Acting Chief Facilities Officer
8	Panther Lake ES 114-E-W-4	Williams Company Building Division, Inc.	Change Order	20CM10SCON WILLIAMS	1	5	(\$119,308.90)	Construction Management Services	20CM10	Credit for unused allowance for off-site turn lane work (\$119,308.90 of \$200,000.00) for prototype new school relief project.		Superintendent / Rory A. Salimbene, Acting Chief Facilities Officer
9	Panther Lake ES 114-E-W-4	Williams Company Building Division, Inc.	Construction Change Directive	20CM10SCON WILLIAMS	1	3	\$0.00	Construction Management Services	20CM10	Time extension of 23 days to add Phase 2 (Youth Lot and Tot Lot playgrounds and associated equipment) due to manufacturing and production delays for prototype new school relief project.		Craig A. Jackson, Sr. Construction Director

Facilities & Construction Contracting

COVE Report for June 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	Stonewyck ES 30-E-SE-3	Pirtle Construction Company	Change Order	20CM07SCON PIRTLE	1	3	(\$652,132.31)	Construction Management Services	20CM07	Additional ODP for prototype new school relief project.		Rory A. Salimbene, Acting Chief Facilities Officer
11	Summerlake ES 85-E-W-4	OHLA Building, Inc.	PO Change	18CM17SCON OHL		1	(\$10.00)	Construction Management Services	18CM17	Reconciliation of preconstruction services for prototype new school relief project.		Craig A. Jackson, Sr. Construction Director
12	Sunshine ES 20-E-SW-4	CORE Construction Services of Florida, LLC	PO Change	18CM07SCON CORE		1	(\$1,518.18)	Construction Management Services	18CM07	Reconciliation of preconstruction services for prototype new school relief project.		Catherine Sullivan on behalf of Craig A. Jackson, Sr. Construction Director
13	Village Park ES 43-E-SE-2	Pirtle Construction Company	Change Order	19CM13SCON PIRTLE	1	6	(\$192,842.89)	Construction Management Services	19CM13	Final GMP reconciliation for prototype new school relief project.		Rory A. Salimbene, Acting Chief Facilities Officer
14	Vista Pointe ES 83-E-SE-3	Charles Perry Partners, Inc.	Change Order	18CM18SCON CHARLES	3	9	(\$464,203.32)	Construction Management Services	18CM18	Final GMP reconciliation for prototype new school relief project.		Rory A. Salimbene, Acting Chief Facilities Officer
15	Water Spring MS 65-M-W-4	CORE Construction Services of Florida, LLC	Change Order	20CM16SCON CORE	2	2	\$0.00	Construction Management Services	20CM16	Time extension of 18 days due to delay receiving contract documents for prototype new school relief project.		Craig A. Jackson, Sr. Construction Director

*Not Funded by Sales Tax or Capital Renewal

OCPS FACILITIES & CONSTRUCTION CONTRACTING
RFQs in Progress: July 2022

No.	Contract Description	Pre Submittal Meeting	Open Date	Shortlist Meeting	Interview Meeting	Board / CFO Date	Construction Budget	Firm(s) Awarded	Status
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	GRAEF-USA, Inc.	Awarded
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	Williams Company	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.