



COVE Meeting

CITIZENS' CONSTRUCTION OVERSIGHT AND VALUE ENGINEERING

June 21, 2018

COVE Meeting Agenda

Thursday, June 21, 2018 @ 8:00 a.m.
Facilities Services - Building 200
6501 Magic Way, Orlando, Florida 32809

I. Call to Order and Approval of May COVE Meeting Minutes -
Ksenia Merck, Chairman ----- Pg. 1-3

- Chairman Comments

II. Departmental Reports

- Finance Follow-up - Judith Padres ----- Pg. 4
- Project Status Report - Jeff Hart/ Mari Espinal ----- Pg. 5-11
- Change Order Update - Ed Ames ----- Pg. 12-19
- Capital Renewal Update - Rory Salimbene ----- Pg. 20-24

III. Presentations/Reports

IV. Discussion and Adjournment

- Motion to cancel July COVE Meeting.
- Motion to conduct a School Bus Tour to visit Lake Como School on August 9, 2018, in lieu of August 16, 2018 COVE Meeting.
- The next COVE Meeting will held on September 20, 2018.

COVE Meeting Minutes

The Construction Oversight and Value Engineering Committee (COVE) monthly meeting convened on Thursday, May 17, 2018 at 8:00 a.m., at Facilities Services, 6501 Magic Way, Bldg. 200, Orlando, Florida 32809.

COVE Members in Attendance: Chairman Ksenia Merck, Vice-Chairman Pat Knipe, James Knapp, and Mario Cuello.

OCPS Staff in Attendance: John Morris, Laura Kelly, Judith Padres, Dale Kelly, Jeff Hart, Mari Espinal, Ed Ames, Alva Johnson, Mike Winter, Faz Ali, Rory Salimbene, Linda Lindsey, Toni Greene, Basem Ghneim, Mariangeles Garcia, and Sandra Roopwah (as scribe).

Call to Order:

A quorum was established and Chairman Ksenia Merck called the meeting to order at 8:08 a.m.

I. Approval of Minutes

The minutes from April 19, 2018 were presented and unanimously approved by the Committee.

Action Item

Chairman Merck requested an update on Capital Renewal Program at June's Meeting.

II. Departmental Reports

➤ **Project Status – Mari Espinal/Jeff Hart**

- Mari Espinal
 - There is one significant change to report this month; the estimated cost of completion for Magnolia School and Behavior Center has increased approximately \$8.3 million.
- Jeff Hart
 - Currently there are 15 projects under construction amounting to approximately \$403 million.
 - Since our last meeting three (3) projects have received CFI's (Dr. Phillips HS, Mollie Ray ES, and Ivey Lane ES).
- Comments/Questions
 - COVE Members questioned the increase for Magnolia School and Behavior Center. Jeff reported the increase combines the funding from Gateway and Cherokee with Magnolia. He also noted that

based on the scope of work involved with combining the schools onto one campus, it is anticipated that the budget will increase to approximately \$45 million.

- Pat Knipe asked for an explanation of the “Variance” column on the Project Status Report and why it was usually positive. Jeff Hart explained that OCPS carried a 2% reserve with the GMP.
- Mario Cuello asked about the 60-90 days delay for Pine Hills Transportation Compound. Jeff explained that it is due to unsuitable soils that was discovered on site. He also mentioned that there is approximately \$2 million in claims associated with the recently discovered unsuitable soils.

- Action Item

- Chairman Merck requested a footnote be added to the report for Magnolia outlining the special circumstances affecting the increase in the budget.

➤ **Change Order Report – Ed Ames**

- Discussion

- There are no significant change orders or amendments to report for the month of February.
- Currently, there are four (4) RFQ’s out for bid.

➤ **Capital Renewal Update – Jeff Hart**

- Discussion

- Update on the capital renewal projects, highlighting each project in either planning, design, construction, close-out or completed.

- Comments/Questions

- Mario Cuello asked about the cost associated with Digital Curriculum. Mike Winter said the cost per classroom varies between seven to ten thousand dollars, excluding student devices.
- Pat Knipe asked about the Capital Renewal Fund balance. Judith Padres said it is \$660 million and \$287 million has been spent.
- Pat Knipe asked about the ODP program. Jeff Hart said that it is for purchase of materials using the sales tax exemption. He also mentioned that since 2007 the District has saved approximately \$18.7 million with the ODP program.

- Action Item

- Chairman Merck asked to have a bar chart showing dollars and areas of commitment per phase of capital renewal.

Kjm
6.21.18

III. **Presentation**

➤ **Facilities Condition Assessment – Basem Ghneim**

• *Discussion*

Basem Ghneim presented an overview of Facilities Condition Assessment Database Refresh planned for this summer.

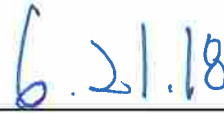
IV. **Adjournment**

- The next meeting will be held on Thursday, June 21, 2018, at 8:00 a.m., at Facilities Services, 6501 Magic Way, Bldg. 200, Orlando, FL 32809.
- There being no further business the meeting was adjourned at 9:25 a.m.

Minutes Authenticated by:



Ksenia Merck
Chairman COVE Committee



Date of approval



Laura L. Kelly
Legal Services Facilities



Date of approval

Capital Funds Cash Flow

June 9th, 2018

Capital Renewal	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
Beginning Fund Balance ¹	615,158,853	600,650,050	420,488,019	397,999,656	371,933,825	360,157,446	350,716,026	348,518,645	344,967,748	346,957,368	355,062,148
Estimated Revenues ²											
Transfer In Sales Tax ³	-	42,834,803	49,811,637	55,334,169	65,823,621	70,258,580	77,502,619	82,649,103	88,189,620	94,304,780	-
Sales Tax Repayment	-	-	-	-	-	-	-	-	-	-	-
Total Estimated Revenues	-	42,834,803	49,811,637	55,334,169	65,823,621	70,258,580	77,502,619	82,649,103	88,189,620	94,304,780	-
Estimated Expenses											
Capital Renewal Program	14,508,803	222,996,834	72,300,000	81,400,000	77,600,000	79,700,000	79,700,000	86,200,000	86,200,000	86,200,000	86,200,000
Total Estimated Expenses	14,508,803	222,996,834	72,300,000	81,400,000	77,600,000	79,700,000	79,700,000	86,200,000	86,200,000	86,200,000	86,200,000
Estimated Ending Fund Balance	600,650,050	420,488,019	397,999,656	371,933,825	360,157,446	350,716,026	348,518,645	344,967,748	346,957,368	355,062,148	268,862,148
Sales Tax (Renewal)											
	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
Beginning Fund Balance ¹	228,211,062	241,111,573	7,984,036	83,412,143	65,520,696	191,855,483	186,833,111	228,158,163	334,045,008	268,991,042	174,686,262
Estimated Revenues ²											
Sales Tax Revenues	41,575,963	257,683,236	260,260,068	262,862,669	265,491,296	268,146,209	270,827,671	273,535,947	138,135,654	-	-
Total Estimated Revenues	41,575,963	257,683,236	260,260,068	262,862,669	265,491,296	268,146,209	270,827,671	273,535,947	138,135,654	-	-
Estimated Expenses											
Comprehensive Needs	21,051,094	364,108,033	109,129,000	118,600,000	15,450,000	100,000,000	100,000,000	85,000,000	-	-	-
Functional Equity	-	-	10,000,000	-	35,000,000	40,000,000	52,000,000	-	-	-	-
Site Acquisition	76,046	836,502	-	-	-	-	-	-	-	-	-
Additional Schools	-	-	-	75,250,000	1,550,000	62,910,000	-	-	115,000,000	-	-
Digital Curriculum	7,548,312	83,031,434	15,891,325	31,569,947	21,332,888	-	-	-	-	-	-
Capital Renewal Transfer	-	42,834,803	49,811,637	55,334,169	65,823,621	70,258,580	77,502,619	82,649,103	88,189,620	94,304,780	-
Total Estimated Expenses	28,675,452	490,810,773	184,831,962	280,754,116	139,156,509	273,168,580	229,502,619	167,649,103	203,189,620	94,304,780	-
Estimated Ending Fund Balance	241,111,573	7,984,036	83,412,143	65,520,696	191,855,483	186,833,111	228,158,163	334,045,008	268,991,042	174,686,262	174,686,262

¹The FY 2018 beginning fund balance is as of 6/11/18. Revenues are calculated by subtracting actual revenues from projections. On the expense side, the calculation is based on projected expenses minus actuals, and the balance is then projected to be expensed out over the next 12 months.

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



PROJECT STATUS SUMMARY REPORT
NEW AND REPLACEMENT SCHOOLS
 June 12, 2018

Funding Source	Priority #	School Name	F1 Original 2018 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 # of Days Past Substantial Completion (close-out)	Contract Type	CM / GC Firm	AE Firm		
									Amount	#	Deducts	#	NTP Construct.	Contract Subst. Com						
										Budget		Schedule		Contracting						
PLANNING PHASE																				
Impact	New	Site 80-H-SW-4	108,060,000	-	108,060,000	108,060,000														
Impact	New	Site 118-E-SW-5	21,010,000	-	21,010,000	21,010,000														
		Sub Total	129,070,000	-	129,070,000	129,070,000														
DESIGN PHASE																				
Impact	New	Site 20-E-SW-4	21,010,000	-	21,010,000	21,010,000														
Sales Tax		Boone HS (Auditorium, gym, cafeteria)	31,000,000	-	31,000,000	31,000,000														
Sales Tax		Colonial HS (Auditorium)	17,000,000	-	17,000,000	17,000,000														
Sales Tax		Magnolia School and Behavior Center	23,900,000	-	23,900,000	23,900,000														
Sales Tax	128	Pinar ES	19,000,000	-	19,000,000	19,000,000														
Sales Tax	121	Rolling Hills ES	20,100,000	-	20,100,000	20,100,000														
Sales Tax	125	Winegard ES	21,400,000	-	21,400,000	21,400,000														
		Sub Total	153,410,000	-	153,410,000	153,410,000														
CONSTRUCTION PHASE																				
Impact	New	Audubon Park School (Site 133-K8-E-6)	41,700,000	-	41,700,000	39,043,000	2,657,000	31,003,724	15,151	2	(8,691,230)	2	3/17/2017	6/15/2018		GMP	Welbro	Baker Barrios		
Impact	New	ES Site 25-E-SW-4	22,024,000	-	22,024,000	22,024,000	-	18,515,591					6/1/2018	5/3/2019		GMP	CPPI	BRPH		
Impact	New	ES Site 49-E-W-4	22,860,000	-	22,860,000	22,860,000	-	18,048,328					6/1/2018	6/24/2019		GMP	Welbro	Schenkel		
Impact	New	MS Site 37-M-SW-4 (Bridgewater Area)	38,614,000	-	38,614,000	38,614,000	-	30,366,051			(7,591,513)	1	2/23/2018	05/29/2019		GMP	Wharton	Harvard Jolly		
Sales Tax	119	Deerwood ES	20,545,000	-	20,545,000	20,545,000	-	18,690,486					6/1/2018	10/15/2019		GMP	Pirtle	Schenkel		
Sales Tax	124	Frangus ES	23,800,000	-	23,800,000	23,470,000	330,000	18,622,711	70,000	1	(4,580,721)	1	7/25/2017	10/30/2018		GMP	Williams Co	BRPH		
Sales Tax	130	Hidden Oaks ES	21,710,000	-	21,710,000	19,056,000	2,654,000	14,608,038	195,941	2	(3,652,009)	1	7/24/2017	09/18/2018		GMP	CORE	Harvard Jolly		
Sales Tax	129	Hungerford ES	17,850,000	-	17,850,000	17,850,000	-	14,723,364	-	1	(3,684,500)	1	7/27/2017	10/30/2018		GMP	Gilbane	Schenkel		
Sales Tax	120	K8 Site 208-K8-SE-3 Pershing/Pine Castle	42,800,000	-	42,800,000	39,007,000	3,793,000	29,563,321			(7,322,440)	1	2/23/2018	5/15/2019		GMP	Williams Co	Zyschovich		
Sales Tax	New	Lake Como School (Site 205-K8-SW-6)	38,800,000	-	38,800,000	37,810,000	990,000	30,108,765	181,858	3	(7,460,000)	1	2/7/2017	6/19/2018		GMP	Williams Co	Harvard Jolly		
Sales Tax	127	Maxey ES (Site 207-E-W-7)	18,650,000	-	18,650,000	17,790,000	860,000	14,609,699	-	3	(3,652,425)	1	7/17/2017	5/20/2018		GMP	Clancy & Theys	Schenkel		
Sales Tax	106	Pine Hills ES	21,950,000	-	21,950,000	21,634,000	316,000	17,489,097	129,915	1	(4,372,274)	1	7/20/2017	6/30/2018		GMP	Pirtle	BRPH		
CIT	New	Pine Hills Transportation	31,000,000	-	31,000,000	31,000,000	-	21,742,090	-	3	(4,117,389)	1	9/21/2017	11/19/2018		GMP	Ajax	BRPH		
		Sub Total	362,303,000	-	362,303,000	350,703,000	11,600,000	278,091,264	592,865	16	(55,124,501)	11								
													Actual							
Impact	Relief	Timber Springs MS (Site 21-M-E-2)	37,977,000	-	37,977,000	36,998,000	979,000	30,047,858	(175,273)	4	(7,843,625)	3	2/1/2016	6/23/2017	354	GMP	Pirtle	Hunton Brady		
Impact	Relief	Windermere HS (Site 27-H-W-4)	93,215,000	-	93,215,000	85,960,000	7,255,000	70,240,787	(27,319)	13	(18,611,138)	5	12/16/2015	7/19/2017	328	GMP	Wharton	Schenkel		
Sales Tax	New	OCPS ACE (PS8 Site 131-PS8-SW-5)	61,308,000	-	61,308,000	60,503,000	805,000	51,499,557	243,050	7	(13,294,657)	2	4/16/2015	8/7/2017	309	GMP	Williams Co	Baker Barrios		
Sales Tax	123	Ventura ES Replacement	26,200,000	-	26,200,000	24,711,000	1,489,000	18,338,709	52,538	12	(3,888,544)	2	10/1/2015	10/10/2017	245	GMP	Turner	Schenkel		
		Sub Total	218,700,000	-	218,700,000	208,172,000	10,528,000	170,126,911	92,995	36	(43,637,964)	12								
Grand Total			863,483,000	-	863,483,000	841,355,000	22,128,000	448,218,175	685,860	52	(98,762,464)	23								

Footnotes

- F1 - Reflects figure from the 10yr Capital Budget dated September 12, 2017.
- F2 - Reflects changes to the FY 2018 board adopted budget.
- F3- Figure comprised of prior year expenditures, current and future planned funding (Adopted Summary Budget 2017-2018). There are no land costs included.
- F4 - Reflects total number of change orders and cumulative change order amount. Does not include ODP deductive and reconciliation change orders.
- F5 - Reflects the total amount and number of ODP deductive and reconciliation change orders to date.
- F6 - Reflects number of days beyond substantial completion. See justification below under Close Out Delays.

Close Out Delays

- Timber Springs MS** – CFI delayed due to management of Punch List process, along with delays in processing final cost events, ODP reconciliation change order, and time extension change orders.
- OCPS ACE** - Anticipate presenting the CFI to the Board on 7/31/18
- Ventura ES** – CFI delayed due to challenges in processing final cost events and time extensions.
- Windermere HS** - Anticipate presenting the CFI to the Board on 7/31/18



**PROJECT STATUS SUMMARY REPORT
COMPREHENSIVE SCHOOLS**

June 12, 2018

Funding Source	Priority #	School Name	F1	F2	F3	Est. Cost At Completion	Variance	GMP Amount	F4		F5		Approved Construction		F6 Number of Days Past Substantial (Close-out)	Contract Type	CM / GC Firm	AE Firm
			Original 2018 Board Adopted Budget	Adopted Budget Changes	Current Board Adopted Budget				Construction Change Orders	ODP Change Orders	NTP Construct	Contract Subst. Com	Amount	#				
			Budget						Schedule				Contracting					
PLANNING PHASE																		
Sales Tax	65	Acceleration West	12,000,000	-	12,000,000	12,000,000												
Sales Tax	132	Meadow Woods MS	18,400,000	-	18,400,000	18,400,000												
		Sub Total	30,400,000	-	30,400,000	30,400,000												
DESIGN PHASE																		
Sales Tax	118	Lake Gem ES	17,317,000	-	17,317,000	17,317,000												
Sales Tax	111	Lake George ES	13,381,000	-	13,381,000	13,381,000												
Sales Tax	108	Southwest MS	28,300,000	-	28,300,000	28,300,000												
Sales Tax	116	Sunrise ES	13,186,000	-	13,186,000	13,186,000												
		Sub Total	72,184,000	\$0	\$72,184,000	\$72,184,000												
CONSTRUCTION PHASE																		
Sales Tax	100	Corner Lake MS	21,900,000	-	21,900,000	21,151,000	749,000	13,851,636			(3,462,909)	1	3/9/2018	7/26/2019		GMP	Wharton Smith	C.T. Hsu
Sales Tax	92	Dover Shores ES (Jackson MS)	22,150,000	-	22,150,000	22,150,000	-	14,857,516	-	1	(3,893,902)	2	7/18/2017	11/16/2018		GMP	Charles Perry	Rhodes & Brito
Sales Tax	99	Hillcrest ES	20,580,000	-	20,580,000	20,580,000	-	16,274,292	320,271	4	(4,201,726)	2	7/27/2017	6/21/2018		GMP	Wharton Smith	C.T. Hsu
Sales Tax	93	Sally Ride ES	21,624,000	-	21,624,000	20,448,000	1,176,000	15,663,493	420,103	3	(3,916,000)	1	7/17/2017	10/15/2018		GMP	Charles Perry	Song & Assoc
Sales Tax	105	Union Park ES	19,950,000	-	19,950,000	19,950,000	-	16,317,570	119,900	2	(4,079,392)	1	7/27/2017	10/26/2018		GMP	Pirtle	Zyscovich
		Sub Total	106,204,000	-	106,204,000	104,279,000	1,925,000	76,964,507	860,273	10	(19,553,929)	7						
CLOSE OUT PHASE														Actual				
		Sub Total	-	-	-	-	-	-	-	0	-	0						
Grand Total			208,788,000	-	208,788,000	206,863,000	1,925,000	76,964,507	860,273	10	(19,553,929)	7						

Footnotes

- F1 - Reflects figure from the 10yr Capital Budget dated September 12, 2017.
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- F4 - Reflects total number of change orders and cumulative change order amount. Does not include ODP deductive and reconciliation change orders.
- 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.

Construction Update as of June 12, 2018

We now have **18 projects under construction** amounting to approx. **\$469M**.

5 – Comprehensive = \$106,204,000

- **Sally Ride ES** (Replacement/Renovation) – Combination of Cypress Park ES and Durrance ES into one new school on the Cypress Park ES site. Construction NTP was issued July 17, 2017, and involves a complete replacement of the core facilities and a portion of the classrooms, along with the renovation of two existing single story classroom buildings. Initial substantial completion was scheduled for May 24, 2018, and is now expected within the next week. Final overall substantial completion is scheduled for October 15, 2018.
- **Dover Shores ES** (Replacement/Renovation) – NTP was issued July 18, 2017, and involves a complete replacement of the core facilities and a portion of the classrooms, along with the renovation of one existing single story classroom building. In addition, due to the required scope of work and site limitations, school functions have been temporarily relocated to the Old Engelwood ES campus; therefore, this project will also account for the demo of the existing Old Engelwood ES campus and the redevelopment of the Jackson MS athletic fields, for which new Engelwood ES now sits upon. The overall substantial completion of the Dover Shores ES site is scheduled for June 14, 2018, and the overall substantial completion of the Jackson MS athletic amenities is scheduled for November 2018.
- **Hillcrest ES** (Replacement/Renovation) – NTP was issued July 27, 2017, and involves a complete replacement of the core facilities and a portion of the classrooms, along with the renovation and repurposing of an existing two story building. The overall substantial completion is scheduled for June 21, 2018. In addition, due to the required scope of work and site limitations, school functions have been temporarily relocated to the old Fern Creek ES campus.
- **Union Park ES** (Replacement/Renovation) – NTP was issued July 27, 2017, and involves a complete replacement of the core facilities and a portion of the classrooms, along with the renovation of two existing single story classroom buildings. The initial substantial completion of the new building was scheduled for May 23, 2018, and is now expected within the next week. The overall substantial completion is scheduled for October 26, 2018.
- **Corner Lake MS** (Comprehensive/Renovation) – NTP was issued on March 9, 2018, and involves four separate phases with an overall substantial completion scheduled for July 26, 2019.

And,

13 - New/Replacements = \$362,303,000

- **Lake Como School** Site 205-K8-SW-6 (Replacement) - Construction NTP was issued on February 7, 2017 and achieved a substantial completion on May 11th, a few days ahead of the scheduled May 14, 2018 date. A subsequent site phase substantial completion of June 19, 2018 was agreed upon to account for the additional time associated with the arsenic abatement within the track and field areas. School functions have been temporarily relocated (swung) to Kaley ES for the 2016-2018 school years.
- **Audubon Park School** Site 133-K8-N-6 (Replacement) – Construction NTP was issued on March 17, 2017 with a substantial completion scheduled for June 15, 2018. Currently, this project is running approximately 4 weeks behind schedule.
- **Frangus ES** (Replacement) - construction NTP was issued on July 25, 2017, with a main building substantial completion scheduled for May 31, 2018. Subsequent existing building demo and related site work is scheduled to be completed by October 30, 2018. Due to a recent approval through the County for an offsite water main point of connection, the initial building phase substantial completion is now anticipated mid-July 2018.
- **Pine Hills ES** (Replacement) - construction NTP was issued on July 20, 2017, with an overall project substantial completion scheduled for June 29, 2018. Due to the required scope of work and site limitations, school functions have been temporarily relocated to the old Clarcona ES campus.
- **Hidden Oaks ES** (Replacement) - construction NTP was issued on July 24, 2017, and achieved a main building substantial completion, as scheduled, on June 8, 2018. Subsequent existing building demo and related site work is scheduled to be completed by September 18, 2018.
- **Site 207-E-W-7 (Maxey ES)** (Replacement) - construction NTP was issued on July 17, 2017, with an overall project substantial completion scheduled for May 20, 2018. This project is running approximately 4 weeks behind, with a substantial completion expected within the next week or so.
- **Hungerford ES** (Replacement) - construction NTP was issued on July 27, 2017, with a main building substantial completion scheduled for May 17, 2018. This project is currently a month behind schedule, with a substantial completion expected within the following week. Subsequent existing building demo and related site work is scheduled to be completed by October 30, 2018.
- **Pine Hills Transportation Compound** – a construction NTP was issued on September 21, 2017, for this Design-Build transportation project, with an overall project completion scheduled for November 2018. The project schedule milestones accounted for multiple phases, with the Bus Parking and Staging areas to have been completed by March 8, 2018, the administration building to be substantially complete in August 2018, the driver’s lounge and parking, along with the maintenance building to be substantially completed in November 2018. Due to recent

unsuitable soils material discoveries, and additional excavation and replacement thereof, the project is currently experiencing extensive time delays and requests for additional compensation, whereby the Design-Builder is now reporting a projected substantial completion date of June 2019. Based on claims issued by the Design-Builder, additional scope and cost associated with recently discovered unsuitable soils is over \$1M.

- **Site 37-M-SW-4** (Bridgewater area relief) - construction NTP was issued on February 23, 2018, with an overall project substantial completion scheduled for May 29, 2019.
 - The project recently completed the sand skink mitigation process on May 25, 2018, whereby receiving the necessary HCP permit, providing authorization to commence with construction within the designated 5.3 acre habitat.
 - Due to the delayed start associated with the sand skink mitigation and gopher tortoise relocations, mobilization for construction was not granted until April 24, 2018, resulting in a 2 month delay. The team is currently working with the CM to address measures on completing this project Late June/early July 2019.
- **Site 208-K8-SE-3** (Pershing/Pinecastle K8 Replacement) - construction NTP was issued on February 23, 2018, with an overall project substantial completion scheduled for May 15, 2019.
- **Site 25-E-SW-4** (South of Reams Road area relief) - construction NTP was issued on June 1, 2018, with an overall substantial completion scheduled for May 3, 2019.
- **Site 49-E-W-4** (Horizon West/Village H area relief) - construction NTP was issued on June 1, 2018, with an overall substantial completion scheduled for June 24, 2019.
- **Deerwood ES**(Replacement) - construction NTP was issued on June 1, 2018, with a main building substantial completion scheduled for May 31, 2019; and an overall substantial completion scheduled for October 15, 2019.

Since our last report:

- Substantial Completions:
 - **Lake Como School** - achieved a substantial completion on May 11th, a few days ahead of the scheduled May 14, 2018 date.
 - **Hidden Oaks ES (Replacement)** - achieved a main building substantial completion on June 8, 2018.
- Construction Notice to Proceeds:
 - **Site 25-E-SW-4** - construction NTP was issued on June 1, 2018.
 - **Site 49-E-W-4** - construction NTP was issued on June 1, 2018.
 - **Deerwood ES** - construction NTP was issued on June 1, 2018.
 - **Dover Shores ES** - Jackson MS roadway realignment and replacement of athletic Field amenities was issued on June 1, 2018.

Anticipated future milestones for construction:

- **Hungerford ES** - main building substantial completion scheduled for May 17, 2018, is now anticipated mid-June 2018.
- **Maxey ES** - overall project substantial completion scheduled for May 20, 2018, is now anticipated mid-June 2018.
- **Union Park ES** - initial substantial completion of the new building is scheduled for May 23, 2018 is now anticipated mid-June 2018.
- **Sally Ride ES** - initial building substantial completion is scheduled for May 24, 2018, is now anticipated mid-June 2018.
- **Dover Shores** - overall substantial completion is scheduled for June 14, 2018.
- **Lake Como School** - site phase substantial completion is scheduled for June 19, 2018.
- **Hillcrest ES** - overall substantial completion is scheduled for June 21, 2018.
- **Pine Hills ES** - overall project substantial completion scheduled for June 29, 2018.
- **Frangus ES** - initial building phase substantial completion is now anticipated mid-July 2018.
- **Audubon Park School** – overall substantial completion scheduled for June 15, 2018, is now expected mid-July.
- **Lake Gem ES** – Construction NTP is expected mid-June 2018.
- **Lake George ES** – Construction NTP is expected mid-June 2018.
- **Sunrise ES** – Construction NTP is expected mid-June 2018.
- **Colonial HS Auditorium**– Construction NTP is expected mid-June 2018.
- **Boone HS Auditorium** – Construction NTP is expected mid-June 2018.

For:

Close-out

- Seven (7) CFIs were submitted and approved at the May 22nd and June 12th Board meetings:
 - Oak Hill ES
 - Rock Lake ES
 - Innovation MS
 - Laureate Park ES
 - Westpointe ES
 - Meadow Woods ES
 - Carver MS

- Therefore, we continue with 4 projects in close-out:
 - Windermere HS
 - Timber Springs MS
 - OCPS Academic Center for Excellence (ACE)
 - Ventura ES

For:

Design

- We continue with 11 projects in the design phase:
 - Lake Gem ES
 - Lake George ES
 - Sunrise ES
 - Boone HS – Auditorium/Gymnasium
 - Colonial HS – Auditorium
 - Southwest MS
 - Site 20-E-SW-4
 - Magnolia School and Behavior Center
 - Pinar ES
 - Rolling Hills ES
 - Winegard ES

Change Orders Report

Facilities & Construction Contracting April 2018

*Various Schools	Installation of field events to include long jump runways, pole vault, high jump, relocation of discus and shot put at Boone HS and 21 days time extension due to required repairs for rubberized surfacing for Apopka HS, Boone HS, and University HS athletic field tracks, capital project.	Wharton-Smith, Inc.	Work Authorization No. 12CM14065B for Construction Management Services RFQ No. 12CM14	Change Order No. 01	\$308,718	Board / John T. Morris, Chief Facilities Officer	4/26/18
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There are no significant amendments to report for the month of April 2018.

Facilities & Construction Contracting

COVE Report for April 2018

CONTRACTS AMENDED							
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	AMENDMENT	APPROVAL REQUIRED	CPSC DATE
1	Blankner K-8 School	Design revisions for current conformed set of documents resulting in reduction of anticipated cost to complete project for select renovations, upgrade and replacement of existing building systems, capital renewal project.	BRPH Architects-Engineers, Inc.	DCD No. 01 to Agreement No. 1405SCON001BRPH for Architectural & Engineering Services RFQ No. 1405PS	\$8,414	Sr. Facilities Executive Director	4/26/18
2	Boone HS	Design services for prototype high school auditorium excluding music suite for on-site replacement school project (Est. Constr. Cost \$7,000,000.00).	Schenkel & Shultz, Inc.	DCD No. 01 to Agreement No. 17RU14SCONSCHENKEL for Architectural & Engineering Services RFQ No. 17RU14	\$9,300	Sr. Facilities Executive Director	4/12/18
3	Colonial HS	Design services for prototype high school auditorium including music suite for onsite replacement school project (Est. Constr. Cost \$9,200,000.00).	Schenkel & Shultz, Inc.	DCD No. 01 to Agreement No. 17RU16SCONSCHENKEL for Architectural & Engineering Services RFQ No. 17RU16	\$23,670	Sr. Facilities Executive Director	4/12/18
4	Corner Lake MS	Additional pre-renovation surveying to comply with National Emissions Standards for Hazardous Air Pollutants for comprehensive project.	AMEC Foster Wheeler Environment & Infrastructure, Inc.	Amendment No. 01 to Work Authorization No. 1209206 for Environmental Consulting Services RFQ No. 1209PS	\$4,702	Sr. Facilities Executive Director	4/12/18
5	*Elementary School Site 85-E-W-4	Additional environmental services related to preparation of a ecological concurrence letter for submittal to the United States Fish and Wildlife Service for real property project.	Professional Service Industries, Inc.	Amendment No. 01 to Work Authorization No. 0803456 for Geotechnical & Environmental Services RFQ No. 0803PS	\$2,161	Director, Real Estate Management	4/19/18
6	*Elementary School Site 90-E-N-7	Additional boundary and topographic surveying for two (2) parcels for real property project.	Leading Edge Land Services, Inc.	Amendment No. 03 to Work Authorization No. 1523002 for Surveying Services RFQ No. 1523PS	\$1,948	Director, Real Estate Management	4/19/18

Facilities & Construction Contracting

COVE Report for April 2018

CONTRACTS AMENDED							
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	AMENDMENT	APPROVAL REQUIRED	CPSC DATE
7	*Elementary School Site 49-E-W-4	Additional environmental services for gopher tortoise and sand skink surveying for new school relief project.	Geotechnical and Environmental Consultants, Inc.	Amendment No. 02 to Work Authorization No. 1517096 for Geotechnical & Environmental Services RFQ No. 1517PS	\$39,553	John T. Morris, Chief Facilities Officer	4/19/18
8	*Elementary School Site 118-E-SW-5	Additional environmental services for sand skink surveying for six (6) parcels for real property project.	Terracon Consultants, Inc.	Amendment No. 01 to Work Authorization No. 1517041 for Geotechnical & Environmental Services RFQ No. 1517PS	\$30,780	John T. Morris, Chief Facilities Officer	4/19/18
9	Engelwood ES Replacement	Additional bulk sampling, point count analysis for buildings 2, 3, 4, 9 and 10 for prototype new school replacement project.	EE&G Environmental Services, LLC	Amendment No. 01 to Work Authorization No. 1209160 for Environmental Consulting Services RFQ No. 1209PS	\$2,814	Sr. Facilities Executive Director	4/26/18
10	*High School Site 113- H-W-4	Additional services for Phase 2 environmental site assessment for two (2) parcels for real property project.	Terracon Consultants, Inc.	Amendment No. 01 to Work Authorization No. 1517130 for Geotechnical & Environmental Services RFQ No. 1517PS	\$1,793	Director, Real Estate Management	4/26/18
11	Middle School Site 65-M-W-4	Additional environmental services for sand skink surveying for real property project.	Geotechnical and Environmental Consultants, Inc.	Amendment No. 01 to Work Authorization No. 1517117 for Geotechnical & Environmental Services RFQ No. 1517PS	\$21,948	Sr. Facilities Executive Director	4/19/18
12	*Middle School Site 37-M-SW-4	Additional services to modify existing lighting design to light emitting diode for prototype new school relief project (Est. Constr. Cost \$50,000.00).	Harvard Jolly, Inc.	DCD No. 01 to Agreement No. 16RU28SCONHARVARD for Architectural & Engineering Services RFQ No. 16RU28	\$12,360	Sr. Facilities Executive Director	4/12/18
13	*Timber Creek HS	Additional services for confirmatory soil sampling requested by Orange County Environmental Protection Division based on interim source removal report for environmental project.	Terracon Consultants, Inc.	Amendment No. 01 to Work Authorization No. 1517113 for Geotechnical & Environmental Services RFQ No. 1517PS	\$4,748	Director, Environmental Compliance	4/19/18

Facilities & Construction Contracting

COVE Report for April 2018

CONTRACTS AMENDED							
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	AMENDMENT	APPROVAL REQUIRED	CPSC DATE
14	Timber Creek HS	Additional services for redesign contract documents and partial scope removal for select renovation of existing building systems, capital renewal project (Est.Const. Cost (\$1,100,000.00)).	Rhodes & Brito Architects, Inc.	DCD No. 01 to Agreement No. 1411SCON003RHODES for Architectural & Engineering Services RFQ No. 1411PS	\$27,413	Sr. Facilities Executive Director	4/12/18

***Not Funded by Sales Tax or Capital Renewal**

Facilities & Construction Contracting

COVE Report for April 2018

CHANGE ORDERS APPROVED								
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	DOC #	C.O. AMOUNT	APPROVAL REQUIRED	CPSC DATE
1	Dr. Phillips HS	Final GMP reconciliation for comprehensive project.	James A. Cummings, Inc., a Tutor Perini Company	Agreement No. 10CM18SCONJACUMMINGS for Construction Management Services RFQ No. 10CM18	Change Order No. 66 to GMP AM 01	(\$257,811)	Behalf of John T. Morris, Chief Facilities Officer	4/26/2018
2	Hillcrest ES	Reconciliation of CCD 02 (\$35,000.00) for 5-days time extension for comprehensive project.	Wharton-Smith, Inc.	Agreement No. 16CM12SCONWHARTON for Construction Management Services RFQ No. 16CM12	Change Order No. 04 to GMP AM 01	\$35,000	Sr. Facilities Executive Director	4/19/2018
3	Mollie Ray ES	Final GMP reconciliation for comprehensive project.	James B. Pirtle Construction Company, Inc. d/b/a Pirtle Construction Company	Agreement No. 15CM22SCONPIRTLE for Construction Management Services RFQ No. 15CM22	Change Order No. 04 to GMP AM 01	(\$342,739)	Behalf of John T. Morris, Chief Facilities Officer	4/12/2018
4	OCPS Academic Center for Excellence (Site 131-PS8-SW-5)	Reconciliation of CCD No. 02 (\$106,171.46) for additional work at Building 900 (Boy and Girls Club), which includes various changes not captured during design, for new school relief project.	Williams Company Building Division, Inc.	Agreement No. 14CM32SCONWILLIAMS for Construction Management Services RFQ No. 14CM32	Change Order No. 09 to GMP AM 01	\$106,018	Superintendent / John T. Morris, Chief Facilities Officer	4/12/2018
5	*Various Schools	Installation of field events to include long jump runways, pole vault, high jump, relocation of discus and shot put at Boone HS and 21 days time extension due to required repairs for rubberized surfacing for Apopka HS, Boone HS, and University HS athletic field tracks, capital project.	Wharton-Smith, Inc.	Work Authorization No. 12CM14065B for Construction Management Services RFQ No. 12CM14	Change Order No. 01	\$308,718	Board / John T. Morris, Chief Facilities Officer	4/26/2018

Facilities & Construction Contracting

COVE Report for April 2018

TRANSACTIONAL CHANGE ORDERS								
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	DOC #	C.O. AMOUNT	APPROVAL REQUIRED	CPSC DATE
6	* Audubon Park K-8 (Site 133- K8-N-6)	Additional estimated ODP for new school relief project.	Welbro Building Corporation, Inc.	Agreement No. 14CM33SCONWELBRO for Construction Management Services RFQ No. 14CM33	Change Order No. 03 to GMP AM 05	(\$1,008,653)	John T. Morris, Chief Facilities Officer	4/5/2018
7	Blankner K-8 School	Estimated ODP for select renovations, upgrade and replacement of existing building systems, capital renewal project.	Williams Company Building Division, Inc.	Agreement No. 14CM06SCON001WILLIAMS for Construction Management Services RFQ No. 14CM06	Change Order No. 01 to GMP AM 02	(\$617,791)	John T. Morris, Chief Facilities Officer	4/26/2018
8	Boone HS	Estimated ODP for main package for select renovation, upgrade and replacement of expired systems, capital renewal project.	Williams Company Building Division, Inc.	Agreement No. 14CM06SCON002WILLIAMS for Construction Management Services RFQ No. 14CM06	Change Order No. 01 to GMP AM 03	(\$1,621,223)	John T. Morris, Chief Facilities Officer	4/26/2018
9	Colonial HS	Estimated ODP for demolition of existing and construction of new athletic track for existing building systems and select site renovations, capital renewal project.	Gilbane Building Company	Agreement No. 14CM17SCON001GILBANE for Construction Management Services RFQ No. 14CM17	Change Order No. 01 to GMP AM 01	(\$258,600)	John T. Morris, Chief Facilities Officer	4/26/2018
10	Corner Lake MS	Estimated ODP for comprehensive project.	Wharton-Smith, Inc.	Agreement No. 16CM14SCONWHARTON for Construction Management Services RFQ No. 16CM14	Change Order No. 01 to GMP AM 01	(\$3,462,909)	Behalf of John T. Morris, Chief Facilities Officer	4/26/2018
11	Hillcrest ES	Additional estimated ODP for comprehensive project.	Wharton-Smith, Inc.	Agreement No. 16CM12SCONWHARTON for Construction Management Services RFQ No. 16CM12	Change Order No. 05 to GMP AM 01	(\$51,782)	John T. Morris, Chief Facilities Officer	4/19/2018
12	Liberty MS	Reconciliation of ODP for existing building systems renovation, capital renewal project.	Welbro Building Corporation, Inc.	Agreement No. 14CM03SCONWELBRO for Construction Management Services RFQ No. 14CM03	Change Order No. 06 to GMP AM 03	\$185,636	John T. Morris, Chief Facilities Officer	4/5/2018
13	* Middle School Site 37- M-SW-4	Estimated ODP for prototype new school relief project	Wharton-Smith, Inc.	Agreement No. 16CM29SCONWHARTON for Construction Management Services RFQ No. 16CM29	Change Order No. 01 to GMP AM 01	(\$7,591,513)	John T. Morris, Chief Facilities Officer	4/26/2018

Facilities & Construction Contracting

COVE Report for April 2018

TRANSACTIONAL CHANGE ORDERS								
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	DOC #	C.O. AMOUNT	APPROVAL REQUIRED	CPSC DATE
14	Wolf Lake ES	Estimated ODP for new central energy/chiller plant, capital renewal project.	Wharton-Smith, Inc.	Work Authorization No. 12CM14060B for Construction Management Services RFQ No. 12CM14	Change Order No. 01	(\$222,286)	John T. Morris, Chief Facilities Officer	4/12/2018

*** Not Funded by Sales Tax or Capital Renewal**

OCPS FACILITIES & CONSTRUCTION CONTRACTING
RFQs in Progress: May 2018

No.	Contract Description	Pre Submittal Meeting	Open Date	Shortlist Meeting	Interview Meeting	Board / CFO Date	Construction Cost	Status
RFQ 18CM03	CM Services for ESE for Campus Consolidation Projects	2/27/2018	3/14/2018	3/29/2018	4/12/2018	5/8/2018	\$36,000,000.00	On-Going
RFQ 1805PS	A/E Services for Rolling Hills ES Existing Classroom Buildings Renovation Project	4/11/2018	4/17/2018	4/24/2018	5/1/2018	5/22/2018	\$3,100,000.00	On-Going
RFQ 18CM06	CM Services for Rolling Hills ES Existing Classroom Buildings Renovation Project	4/11/2018	4/24/2018	5/8/2018	5/22/2018	6/12/2018	\$3,100,000.00	On-Going

Plan Year(s) Filter: FY13 - FY18

Inventory Group Filter: G3,G4,G5,G6

Project Elements

Location	Age (Wt'd)	Maint. Area	Project Number	Size	Gp	Site	Roofing	Structural	Exterior	Interior	Mechanical	Electrical	Plumbing	Life Safety	Technology	Conveyance	Specialties	Budget / Committed			Project Cost / Construction Cost				Construction Schedule									
																		Available Budget FY13 - FY18	Assigned to Date	Balance Uncommitted	Estimate Total Cost FY13 - FY20	Construction Amount Base	Change Orders Amount	#	ODP Deducts	#	NTP	Substantial Completion	Closed (Forecast)	Days Past Subst. Compl. (close-out)				
CONSTRUCTION PHASE																																		
Avalon MS	12-Yr	NE	N0079.1	Sm	G4									✓					130,000	126,466	3,534	130,000	100,000	-	-	-	-	04/10/17A	06/29/18					
Blankner K8	17-Yr	NE	N0023.0	Lg	G4		✓		✓	✓	✓	✓	✓	✓			✓	7,700,000	6,296,176	1,403,824	7,700,000	5,900,000	-	-	(590,159)	1	03/28/18A	08/02/19						
Boone HS	27-Yr	NE	N0031.0	Lg	G3		✓			✓	✓	✓	✓	✓				24,400,000	19,871,219	4,528,781	24,400,000	18,800,000	-	-	(1,859,776)	2	02/12/18A	08/06/19						
Chain of Lakes MS	20-Yr	NW	N0076.0	Int	G3					✓	✓	✓						2,000,000	1,609,697	390,303	2,000,000	1,500,000	-	-	-	-	03/07/18A	10/26/18						
Citrus ES	19-Yr	NW	N0057.0	Int	G3		✓		✓	✓	✓							2,100,000	1,502,053	597,947	2,100,000	1,600,000	-	-	(195,000)	1	04/13/18A	08/13/18						
Colonial HS	20-Yr	NE	N0035.1	Int	G3		✓			✓	✓							2,100,000	1,583,205	516,795	2,100,000	1,600,000	-	-	-	-	03/20/18A	08/31/18						
College Park MS	10-Yr	NE	N0075.0	Int	G5		✓	✓	✓	✓	✓	✓	✓	✓			✓	2,500,000	1,629,748	870,252	2,500,000	1,900,000	-	-	(322,800)	1	01/18/18A	07/10/18						
Discovery MS	22-Yr	NE	N0079.4	Sm	G5						✓							210,000	135,740	74,260	210,000	160,000	-	-	-	-	03/28/18A	07/30/18						
Dr Phillips HS	6-Yr	SS	N0131.0	Sm	G6						✓							351,000	348,866	2,134	351,000	270,000	-	-	-	-	05/24/18A	12/31/18						
Gotha MS	24-Yr	NW	N0132.3	Int	G5						✓							705,515	149,977	555,538	705,515	641,377	-	-	-	-	03/30/18A	07/31/18						
Millennia ES	12-Yr	SS	N0131.3	Sm	G4						✓							220,000	218,950	1,050	220,000	200,000	-	-	-	-	04/06/18A	08/03/18						
SUBTOTAL - CONSTRUCTION																		42,416,515	33,472,097	8,944,418	42,416,515	32,671,377	-	-	(2,967,735)	5								
11 Projects																																		
CLOSE-OUT																																		
Blankner K8	17-Yr	NE	N0023.1	Int	G4												✓	550,000	531,566	18,434	550,000	500,000	-	-	-	-	03/16/18A	04/02/18A	07/31/18					
Freedom HS	15-Yr	SS	N0082.6	Sm	G4						✓							330,000	288,102	41,898	330,000	250,000	-	-	-	-	10/25/17A	05/25/18A	07/30/18					
Jackson MS	15-Yr	NE	N0077.0	Int	G4		✓		✓	✓	✓	✓	✓					1,459,406	1,288,111	171,295	1,459,406	1,122,620	-	-	(32,345)	1	10/03/17A	01/29/18A	08/07/18					
Jones HS	15-Yr	SS	N0059.3	Lg	G3		✓											3,664,283	2,831,348	832,935	3,664,283	2,818,679	-	-	-	-	05/24/16A	08/11/17A	11/13/18					
Lakeview MS	23-Yr	NW	N0041.2	Int	G3		✓			✓	✓	✓						963,183	856,894	106,289	963,183	731,902	-	-	(37,770)	1	05/19/17A	10/11/17A	12/08/18					
Liberty MS	13-Yr	NE	N0022.0	Lg	G4		✓	✓	✓	✓	✓	✓	✓	✓			✓	9,055,405	8,433,731	621,674	9,055,405	7,401,231	175,436	6	(1,263,495)	2	02/09/16A	02/19/18A	11/13/18					
Metrowest ES	6-Yr	NW	N0038.0	Int	G5		✓	✓		✓				✓				2,047,448	994,018	1,053,430	2,047,448	1,574,960	(209,674)	5	-	-	06/02/15A	11/19/15A	10/06/18					
Odyssey MS	18-Yr	NE	N0067.1	Int	G3		✓	✓		✓	✓	✓						2,451,563	1,997,481	454,082	2,451,563	1,965,969	-	-	(703,648)	1	06/06/17A	11/30/17A	09/25/18					
Robinswood MS	10-Yr	NW	N0132.2	Sm	G5		✓											110,500	83,200	27,300	110,500	85,000	-	-	-	-	03/03/18A	04/25/18A	06/25/18					
Three Points ES	18-Yr	SS	N0092.1	Int	G3											✓		410,000	275,154	134,846	410,000	370,000	-	-	-	-	03/01/18A	04/26/18A	07/13/18					
Winter Park HS	13-Yr	NE	N0066.2	Int	G3		✓											1,658,995	1,501,131	157,864	1,658,995	1,276,150	-	-	-	-	06/30/17A	08/11/17A	12/05/18					
Wolf Lake ES	12-Yr	NW	N0085.0	Int	G4						✓							1,690,000	965,770	724,230	1,690,000	1,300,000	-	-	(222,286)	1	12/06/17A	05/02/18A	08/30/18					
SUBTOTAL - CLOSE-OUT																		24,390,783	20,046,507	4,344,276	24,390,783	19,396,511	(34,239)	11	(2,259,544)	6								
12 Projects																																		
PREVIOUSLY COMPLETE																		41,690,562	33,529,058	8,161,504	41,690,562	34,028,033	(336,426)	22	(1,990,930)	17								
120 Projects																																		
GRAND TOTAL																		\$ 146,489,020	\$ 97,952,762	\$ 48,536,259	\$ 293,808,071	\$ 230,392,803	\$ (370,665)	33	\$ (7,218,209)	28								
177 Projects																																		

Project Size Key

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

Notes

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

Capital Renewal Update as of May 31, 2018

Capital Renewal Update:

There are 45 active projects (21 large, 18 intermediate, 6 small) currently in progress for improvements at 39 sites, with an estimated total cost \$227.7M and construction cost of \$171.4M. These include 11 projects in planning, with an estimated total cost of \$51.7M; 23 projects in design, with an estimated total cost of \$133.6M; and 11 projects in construction, with an estimated total cost of \$42.4M.

These figures reflect an increase in total costs for active projects of \$5.7M from the previous month. This increase is primarily attributable to significant expansion of the scope of the project at Timber Creek High School to add additional heating, ventilating and cooling (HVAC) system improvements (and the associated electrical work) and a fire alarm system replacement.

A significant portion of the program continues in the design phase, with several projects nearing construction commencement. The project at Timber Creek High School will commence in June. Construction is scheduled to commence in July or August on several more projects, including campus-wide projects at Olympia High School, Odyssey and Gotha Middle Schools, and Lawton Chiles Elementary School, and a gymnasium renovation at Ocoee Middle School. The Ocoee gymnasium renovation is scheduled for completion in December of this year, with the remaining projects projected for completion during the spring or summer of 2019.

Design work continues on 17 additional large or intermediate projects; construction on these projects is scheduled to commence in late 2018 or early 2019. Based on current construction cost estimates associated with projects in design, the District anticipates the award of approximately \$100M of capital renewal construction contracts over the next 12 months.

One small project addressing heating, ventilating and cooling (HVAC) systems in three small buildings at Dr. Phillips High School commenced construction in May.

Three small HVAC projects (Jackson and South Creek Middle Schools and Sunset Park Elementary School) and an intercom system replacement at Palmetto Elementary School achieved final completion since the last update. A small project replacing a boiler at Freedom High School and an intermediate project for a new central energy plant for Wolf Lake Elementary School achieved substantial completion.

Planning continues for eleven other projects (four large, five intermediate, two small) that will start construction in 2019, completing in 2020.

Capital Renewal Update as of May 31, 2018

Changes since 5/1/18

Planning

- No change

Design

- No change

Construction

- New project
 - o Dr. Phillips HS – N0131.0 HVAC & Controls Bldgs. 18, 19, 22
- Moved to Close-Out
 - o Freedom HS – N0082.6 Replace Boiler
 - o Wolf Lake ES – N0085.0 New CEP

Close-Out

- Moved from Construction
 - o Freedom HS – N0082.6 Replace Boiler
 - o Wolf Lake ES – N0085.0 New CEP
- Moved to Complete
 - o Jackson MS – N0130.2 Replace Condensate Lines B1,2,4
 - o Palmetto ES – N0131.1 Replace Intercom
 - o South Creek MS – N0081.2 Rebuild Chillers #1 & #2
 - o Sunset Park ES – N0131.2 Replace Chiller #1 & #2

Complete

- Moved from Close-Out
 - o Jackson MS – N0130.2 Replace Condensate Lines B1,2,4
 - o Palmetto ES – N0131.1 Replace Intercom
 - o South Creek MS – N0081.2 Rebuild Chillers #1 & #2
 - o Sunset Park ES – N0131.2 Replace Chiller #1 & #2

Justification for projects at schools with weighted (Wt'd) age of 10-years or less

- College Park MS (formerly Lee MS) – Roof Replacement for Buildings 4, 5 and 6: This campus opened in 1955. The comprehensive renovation in 2010 did not reroof these buildings.
- Metrowest ES – Site, Roof, Door Hardware, Cameras: The on-site relief school (Westpointe ES) included adding a new building on the existing (North) campus, which lowered the average weighted age of this campus.
- Dr. Phillips HS – HVAC and Controls for Buildings 18, 19, 22: This campus opened in 1986; the buildings impacted here were construction in 1990. The comprehensive renovation completed in 2015 did not address these systems.

Capital Renewal Update as of May 31, 2018

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

Project Elements

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

Maintenance Areas

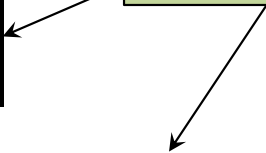
- NE - Northeast Maintenance Area
- NW - Northwest Maintenance Area
- SS - Super South Maintenance Area

Facilities Inventory - Group Structure

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

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

Eligible for CR funding



Funding Priorities

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

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

Abbreviations

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

Notes
