



COVE Meeting

CITIZENS' CONSTRUCTION OVERSIGHT AND VALUE ENGINEERING

November 15, 2018

COVE Meeting Agenda

Thursday, November 15, 2018 @ 8:00 a.m.
Facilities Services - Building 200
6501 Magic Way, Orlando, Florida 32809

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

- Chairman Comments

II. Departmental Reports

- Project Status Report - Jeff Hart/Mari Espinal ----- Pg. 4-13
- Change Order Update - Ed Ames ----- Pg. 14-18
- Capital Renewal Update - Rory Salimbene ----- Pg. 19-27

III. Presentations/Reports

- IT Update – Mike Winter

IV. Discussion and Adjournment

- Motion to cancel December 20, 2018 COVE Meeting.
- Next COVE Meeting will be held on January 17, 2019.

COVE Meeting Minutes

The Construction Oversight and Value Engineering Committee (COVE) monthly meeting convened on Thursday October 18, 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-Chair Pat Knipe, James Knapp, and Stuart Kramer.

OCPS Staff in Attendance: John Morris, Deputy Superintendent Maria Vazquez, Dale Kelly, Judith Padres, Mari Espinal, Basem Ghneim, Joycelyn Henson, Ed Ames, Rory Salimbene, Tom Moore, Carol McGowin, Rocco Williams, Mike Winter, Linda Lindsey, Alva Johnson, Toni Greene, Mark O'Connor, and Sandra Roopwah (as scribe).

Call to Order:

A quorum was established and Chairman Ksenia Merck called the meeting to order at 8:20 a.m.

I. Approval of Minutes

- The minutes from September 20, 2018 were presented and were approved unanimously by the Committee.

Chairman Comments

- Chairman Merck introduced to the Committee OCPS Deputy Superintendent, Maria Vazquez.

II. Departmental Reports

➤ **Project Status** – Mari Espinal/Basem Ghneim

- Mari Espinal
 - There were no significant changes to report this month.
- Basem Ghneim
 - Basem provided aerials for seven (7) projects showing the different phases of construction.
 - There are currently 17 projects under construction amounting to approximately \$395 million.
- Questions/Comments
 - Pat Knipe asked about the required land space for building schools. Laura Kelly explained that in the previous ordinance the acreage requirements were 15 acres for elementary schools, 25 acres for middle schools and 65 acres for high schools; however the revised

ordinance permits smaller school sites depending on the location of the proposed school site in the urban or rural service area.

- Laura Kelly will provide a copy of the School Siting Ordinance to COVE members.

➤ **M/WBE Update – Joycelyn Henson**

- Discussion

- Joycelyn Henson presented the M/WBE, LDB, and VBE report for Fiscal Year 2018 and FY19 Q1.

- Action Item (Second Request)

- Chairman Merck requested to have a breakdown of participation for contractors and consultants engaged in Capital Renewal Projects.

➤ **Change Order Report – Ed Ames**

- Discussion

- There are no significant change orders or amendments to report for the month of August.
- Currently, there are six (6) RFQ's out for bidding.

➤ **Capital Renewal Update – Rory Salimbene**

- Discussion

- Provided an update on the capital renewal program, noting the number and cost of projects in each phase.
- Since our last report, the estimated total cost completed or planned capital renewal projects have decreased by approximately \$25 million.
- Presented a detailed scope of projects that are over \$10 million in construction costs (Boone HS, Timber Creek HS and Olympia HS). Chairman Merck requested the scope to be included in packet.

III. **Presentation**

➤ **Student Enrollment Projections – Tom Moore/Dr. Carol McGowin**

- Discussion

- Tom Moore and Dr. McGowin provided a presentation on the demographics of the District and comparisons of enrollment projections versus actual enrollment data.

➤ **Lessons Learned – Basem Ghneim**

- Discussion

- Basem Ghneim presented a list and overview of the lessons learned by OCPS and the PM Team.

IV. **Adjournment**

- The next meeting will be held on Thursday, November 15, 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 9:47 a.m.

Minutes Authenticated by:

Ksenia Merck
Chairman COVE Committee

Date of approval

Laura Kelly
Legal Services Facilities

Date of approval



**PROJECT STATUS SUMMARY REPORT
NEW AND REPLACEMENT SCHOOLS
November 15, 2018**

Funding Source	Priority #	School Name	F1	F2	F3	Estimated 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 2019 Board Adopted Budget	Adopted Budget Changes	Current Board Adopted Budget				Construction Change Orders	ODP Change Orders	NTP Construct	Contract Subst. Com	Amount	#					Deducts
			Budget																
			Schedule																
			Contracting																
PLANNING PHASE																			
Impact		Site 118-E-SW-5	24,290,000	-	24,290,000	24,290,000													
Sales Tax	134	Site 73-T-W-7 (OTC Westside Campus)	36,500,000	-	36,500,000	36,500,000													
Sales Tax	135	OTC Winter Park Campus	30,800,000	-	30,800,000	30,800,000													
		Sub Total	91,590,000	-	91,590,000	91,590,000													
DESIGN PHASE																			
Impact	New	Site 20-E-SW-4	24,290,000	-	24,290,000	24,290,000													
Impact	New	Site 80-H-SW-4	115,040,000	-	115,040,000	115,040,000													
Impact	New	Site 83-E-SE-3	24,290,000	-	24,290,000	24,290,000													
Impact	New	Site 85-E-W-4	24,290,000	-	24,290,000	24,290,000													
Impact	New	Site 113-H-W-4	115,040,000	-	115,040,000	115,040,000													
Sales Tax		Magnolia School and Behavior Center	45,000,000	-	45,000,000	45,000,000													
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	408,450,000	-	408,450,000	408,450,000													
CONSTRUCTION PHASE																			
Impact	New	ES Site 25-E-SW-4	23,300,000	-	23,300,000	22,670,000	630,000	18,515,591			(4,628,898)	1	6/1/2018	5/3/2019		GMP	CPPI	BRPH	
Impact	New	ES Site 49-E-W-4	23,260,000	-	23,260,000	21,844,000	1,416,000	18,048,328	29,805	1	(4,512,082)	1	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	37,904,000	710,000	30,366,051			(7,591,513)	1	2/23/2018	05/29/2019		GMP	Wharton	Harvard Jolly	
Sales Tax		Boone HS (Auditorium, gym, cafeteria)	31,000,000	-	31,000,000	31,000,000	-	12,006,991			(2,921,487)	2	6/20/2018	06/14/2019		GMP	Williams Co	Schenkel	
Sales Tax		Colonial HS (Auditorium)	17,000,000	-	17,000,000	17,000,000	-	13,836,772			(3,459,193)	2	6/8/2018	07/31/2019		GMP	Gilbane	Schenkel	
Sales Tax	119	Deerwood ES	22,361,000	-	22,361,000	22,361,000	-	18,690,486			(4,672,621)	1	6/1/2018	10/15/2019		GMP	Pirtle	Schenkel	
Sales Tax	120	K8 Site 208-K8-SE-3 Pershing/Pine Castle	39,007,000	-	39,007,000	38,774,000	233,000	29,563,321	125,465	3	(7,322,440)	1	2/23/2018	5/15/2019		GMP	Williams Co	Zyschovich	
CIT	New	Pine Hills Transportation	31,000,000	-	31,000,000	31,000,000	-	21,742,090	631,661	5	(4,117,389)	1	9/21/2017	11/19/2018		GMP	Ajax	BRPH	
		Sub Total	225,542,000	-	225,542,000	222,553,000	2,989,000	162,769,630	786,932	9	(39,225,623)	10							
CLOSE OUT PHASE																			
Impact	New	Audubon Park School (Site 133-K8-E-6)	39,043,000	-	39,043,000	38,803,000	240,000	31,003,724	15,151	2	(8,691,230)	2	3/17/2017	7/24/2018	114	GMP	Welbro	Baker Barrios	
Impact	Relief	Timber Springs MS (Site 21-M-E-2)	36,998,000	-	36,998,000	36,998,000	-	30,047,858	(175,273)	4	(7,843,625)	3	2/1/2016	6/23/2017	510	GMP	Pirtle	Hunton Brady	
Impact	Relief	Windermere HS (Site 27-H-W-4)	88,413,534	-	88,413,534	88,413,534	-	70,240,787	(27,319)	13	(18,611,138)	5	12/16/2015	7/19/2017	484	GMP	Wharton	Schenkel	
Sales Tax	124	Frangus ES	23,470,000	-	23,470,000	23,470,000	-	18,622,711	62,773	2	(4,580,721)	1	7/25/2017	10/30/2018	16	GMP	Williams Co	BRPH	
Sales Tax	130	Hidden Oaks ES	19,056,000	-	19,056,000	19,056,000	-	14,608,038	170,273	2	(3,652,009)	1	7/24/2017	09/18/2018	58	GMP	CORE	Harvard Jolly	
Sales Tax	129	Hungerford ES	18,022,000	4,500,000	22,522,000	22,522,000	-	14,723,364	74,062	3	(3,684,500)	1	7/27/2017	10/30/2018	16	GMP	Gilbane	Schenkel	
Sales Tax	New	Lake Como School (Site 205-K8-SW-6)	37,810,000	-	37,810,000	37,577,000	233,000	30,108,765	181,858	3	(7,460,000)	1	2/7/2017	6/19/2018	149	GMP	Williams Co	Harvard Jolly	
Sales Tax	127	Maxey ES (Site 207-E-W-7)	17,790,000	-	17,790,000	17,657,000	133,000	14,609,699	-	3	(3,652,425)	1	7/17/2017	7/17/2018	121	GMP	Clancy & Theys	Schenkel	
Sales Tax	New	OCPS ACE (PS8 Site 131-PS8-SW-5)	61,103,000	-	61,103,000	61,103,000	-	51,499,557	243,050	7	(13,294,657)	2	4/16/2015	8/7/2017	465	GMP	Williams Co	Baker Barrios	
Sales Tax	106	Pine Hills ES	21,634,000	-	21,634,000	21,476,000	158,000	17,489,097	129,915	1	(4,372,274)	1	7/20/2017	7/26/2018	112	GMP	Pirtle	BRPH	
Sales Tax	123	Ventura ES Replacement	24,711,000	-	24,711,000	24,711,000	-	18,338,709	52,538	12	(3,888,544)	2	10/1/2015	10/10/2017	401	GMP	Turner	Schenkel	
		Sub Total	388,050,534	4,500,000	392,550,534	391,786,534	764,000	311,292,309	727,026	52	(79,731,123)	20							
Grand Total			1,113,632,534	4,500,000	1,118,132,534	1,114,379,534	3,753,000	474,061,938	1,513,958	61	(118,956,745)	30							

Footnotes

- F1 - Reflects figure from the 10yr Capital Budget dated September 11, 2018.
- F2 - Reflects changes to the FY 2019 board adopted budget.
- F3- Amount comprised of prior year expenditures, current and future planned funding (Summary Budget FY 2019). 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

- Lake Como School** – CFI pending completion of close-out deliverables.
- Maxey ES** - CFI pending completion of close-out deliverables.
- Timber Springs MS** – CFI pending corrective work at soccer field (drainage/grading).
- OCPS ACE** - CFI pending corrective work at soccer field (drainage/grading).
- Ventura ES** – CFI pending resolution on final cost and time impacts to the project.
- Windermere HS** - CFI has been generated and will be presented to the Board in an upcoming meeting, pending resolution of buyout discussions.

Other

- Boone HS:** GMP amount represents the sum of the Auditorium and Generator Package.
- Hungerford ES:** adjustment shown in column F2 represents budget for Building 8



PROJECT STATUS SUMMARY REPORT

COMPREHENSIVE SCHOOLS

November 15, 2018

Funding Source	Priority #	School Name	F1	F2	F3	Estimated 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 2019 Board Adopted Budget	Adopted Budget Changes	Current Board Adopted Budget				Construction Change Orders	ODP Change Orders	NTP Construct	Contract Subst. Com	Amount	#					Deducts	#		
Budget																			Schedule		Contracting	
PLANNING PHASE																						
Sales Tax	133	OTC Mid-Florida Campus	81,600,000	-	81,600,000	81,600,000																
Sales Tax	136	OTC Orlando Campus	25,000,000	-	25,000,000	25,000,000																
		Sub Total	106,600,000	\$0	\$106,600,000	\$106,600,000																
DESIGN PHASE																						
Sales Tax	65	Acceleration West	14,000,000	-	14,000,000	14,000,000																
Sales Tax	132	Meadow Woods MS	25,204,000	-	25,204,000	25,204,000																
Sales Tax	108	Southwest MS	25,204,000	-	25,204,000	25,204,000																
		Sub Total	64,408,000	-	\$64,408,000	\$64,408,000																
CONSTRUCTION PHASE																						
Sales Tax	100	Corner Lake MS	21,151,000	-	21,151,000	20,938,000	213,000	13,851,636			(3,462,909)	1	3/9/2018	7/26/2019		GMP	Wharton	C.T. Hsu				
Sales Tax	92	Dover Shores ES (Jackson MS)	22,150,000	-	22,150,000	22,150,000	-	14,857,516	99,095	2	(3,893,902)	2	7/18/2017	11/16/2018		GMP	CPPI	Rhodes & Brito				
Sales Tax	118	Lake Gem ES	17,317,000	-	17,317,000	16,308,000	1,009,000	11,125,623	90,000	1	(2,110,329)	1	6/20/2018	8/1/2019		GMP	Wharton	Hunton Brady				
Sales Tax	111	Lake George ES	13,381,000	-	13,381,000	13,056,000	325,000	8,699,086			(2,174,772)	1	6/20/2018	7/26/2019		GMP	CORE	Hunton Brady				
Sales Tax	116	Sunrise ES	13,186,000	-	13,186,000	13,186,000	-	8,786,527			(2,196,632)	1	6/20/2018	7/26/2019		GMP	CORE	Hunton Brady				
		Sub Total	87,185,000	\$0	\$87,185,000	\$85,638,000	1,547,000	\$57,320,388	189,095	3	(13,838,543)	6										
CLOSE OUT PHASE																						
Sales Tax	99	Hillcrest ES	20,580,000	-	20,580,000	20,276,000	304,000	16,274,292	368,416	6	(4,201,726)	2	7/27/2017	7/11/2018	127	GMP	Wharton	C.T. Hsu				
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	20	GMP	Pirtle	Zyscovich				
Sales Tax	93	Sally Ride ES	20,448,000	-	20,448,000	20,448,000	-	15,663,493	279,033	3	(3,916,000)	1	7/17/2017	10/30/2018	16	GMP	Charles Perry	Song & Assoc				
		Sub Total	60,978,000	\$0	\$60,978,000	\$60,674,000	\$304,000	48,255,355	767,349	11	(12,197,118)	4										
Grand Total			319,171,000	-	319,171,000	317,320,000	1,851,000	105,575,743	956,444	14	(26,035,661)	10										

Footnotes

- F1 - Reflects figure from the 10yr Capital Budget dated September 11, 2018.
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- F3- Figure comprised of prior year expenditures, current and future planned funding (Adopted Summary Budget FY 2019). 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

Hillcrest ES – CFI pending completion of close-out deliverables.

Construction Update as of November 6, 2018

We continue with **13 projects under construction** amounting to approx. **\$313M**.

5 – Comprehensive = \$87,185,000

- **Dover Shores ES** (Replacement/Renovation) – NTP was issued July 18, 2017, and involved a complete replacement of the core facilities and a portion of the classrooms, along with the renovation of one existing single story classroom building, and was substantially completed on June 25, 2018. In addition, due to the required scope of work and site limitations, school functions were temporarily relocated to the Old Engelwood ES campus; therefore, this project also accounts 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, along with the roadway realignment in front of the campus. The overall substantial completion of the Jackson MS road realignment and athletic amenities is scheduled for November 16, 2018; however, is now projecting an early December 2018 completion.
- **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.
- **Lake Gem ES** (Comprehensive/Renovation) – Construction NTP was issued on June 20, 2018, and involves six separate phases including the addition of a twelve classroom building, with an overall substantial completion scheduled for August 1, 2019.
- **Lake George ES** (Comprehensive/Renovation) – Construction NTP was issued on June 20, 2018, and involves five separate phases with an overall substantial completion scheduled for July 26, 2019.
- **Sunrise ES** (Comprehensive/Renovation) – Construction NTP was issued on June 20, 2018, and involves five separate phases with an overall substantial completion scheduled for July 26, 2019.

And,

8 - New/Replacements = \$225,542,000

- **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 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 \$2M.

- **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.
 - 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 has worked out an agreement with the CM to mitigate the overall delay to 33 days, with a revised substantial completion date of July 1, 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.
- **Colonial HS – Auditorium** (Replacement) - construction NTP was issued on June 8, 2018, with an overall substantial completion scheduled for July 31, 2019.
- **Boone HS – Auditorium** (Replacement) - construction NTP was issued on June 20, 2018, with an overall substantial completion scheduled for June 14, 2019.

Since our last report:

- Substantial Completions:
 - **Union Park ES** – completed the final phase of building demo and site related amenities and received an overall substantial completion on October 26, 2018. (See attached photo).
 - **Sally Ride ES** - completed the final phase of building demo and site related amenities and achieved a final overall substantial completion on October 30, 2018. (See attached photo).
 - **Frangus ES** - completed the final phase of building demo and site related amenities and received an overall substantial completion on October 30, 2018. (See attached photo).
 - **Hungerford ES** - completed the final phase of building demo and site related amenities and received an overall substantial completion on October 30, 2018. (See attached photo).

Anticipated future milestones for construction:

- **Dover Shores ES** (Jackson MS) - the overall substantial completion of the Jackson MS athletic amenities is now anticipated for Early December 2018.
- **Pine Hills Transportation Compound** – first phase involving Bus Parking and Staging areas, along with the administration building is now expecting a substantial completion late-November 2018.

For:

Close-out

- We now have fourteen (14) projects in close-out:
 - Windermere HS
 - Timber Springs MS
 - OCPS Academic Center for Excellence (ACE)
 - Ventura ES
 - Hillcrest ES
 - Audubon Park School
 - Lake Como School
 - Maxey ES
 - Pine Hills ES
 - Hidden Oaks ES
- With four projects recently added:
 - Sally Ride ES
 - Union Park ES
 - Hidden Oaks ES
 - Hungerford ES

For:

Design

- We currently have 12 projects in the design phase:
 - Southwest MS
 - Site 20-E-SW-4
 - Magnolia School and Behavior Center
 - Pinar ES
 - Rolling Hills ES
 - Winegard ES
 - Site 85-E-W-4
 - Site 83-E-SE-3
 - Meadow Woods MS
 - Site 113-H-W-4
 - Site 80-H-SW-4
 - Acceleration West



Frangus Elementary School Replacement



Hungerford Elementary School Replacement Project







Union Park Elementary School



Change Orders Report

Facilities & Construction Contracting
September 2018

There are no significant change orders or amendments to report for the month of September 2018.

Facilities & Construction Contracting

COVE Report for September 2018

CONTRACTS AMENDED							
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	AMENDMENT	APPROVAL REQUIRED	CPS DATE
1	Citrus ES	Language modification to correct scrivener's error in the general conditions and requirements for early package HVAC system long lead items purchase, select renovation, upgrade and replacement of expired systems, capital renewal project.	Wharton-Smith, Inc.	Amendment No. 01 to Work Authorization No. 12CM14037B for Construction Management Services RFQ No. 12CM14	\$0	Sr. Facilities Executive Director	9/27/18
2	Colonial HS	Reconciliation of DCD 01 (\$23,670.26) and 02 (\$21,254.87) for additional design services to modify architectural, civil, mechanical, electrical and plumbing drawings necessary to avoid unsuitable soils for prototype auditorium including music suite onsite replacement project (Est. Constr. Cost \$50,000.00).	Schenkel & Shultz, Inc.	Amendment No. 01 to Agreement No. 17RU16SCONSCHENKEL for Architectural & Engineering Services RFQ No. 17RU16	\$44,925	John T. Morris, Chief Facilities Officer	9/6/18
3	District-Wide	Staffing plan modification due to personnel changes and two (2) added positions to support projects workload for 01/01/2018 through 12/31/2018 for program management contract.	WSP USA Inc.	Amendment No. 17 to Agreement No. 15PM05CONPARSONS for Program Management Support Services RFQ No. 15PM05	\$0	Sr. Facilities Executive Director	9/20/18
4	District-Wide	Staffing schedule modification to add three (3) new employees.	Hanson Professional Services, Inc.	Amendment No. 12 to Agreement No. 1201CCONHANSON for Commissioning Services RFQ No. 1201PS	\$0	Sr. Facilities Executive Director	9/27/18
5	Elementary School Site 49-E-W-4*	Additional design to convert existing prototype interior lighting to light-emitting diode for new school relief project.	Schenkel & Shultz, Inc.	Amendment No. 01 to Agreement No. 17RU15SCONSCHENKEL for Architectural & Engineering Services RFQ No. 17RU15	\$7,571	Sr. Facilities Executive Director	9/13/18

Facilities & Construction Contracting

COVE Report for September 2018

CONTRACTS AMENDED							
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	AMENDMENT	APPROVAL REQUIRED	CPSC DATE
6	High School Site 80-H-SW-4 *	Additional geotechnical engineering services to explore deeper soil conditions for possible construction of a six story structure for new school relief project.	Terracon Consultants, Inc.	Amendment No. 02 to Work Authorization No. 0803361 for Geotechnical & Environmental Services RFQ No. 0803PS	\$8,480	Sr. Facilities Executive Director	9/20/18
7	Lake Gem ES	Sketch, legal description, boundary and topographic surveying for tract A, B and C for comprehensive project.	Leading Edge Land Services, Inc.	Amendment No. 01 to Work Authorization No. 1523009 for Surveying Services RFQ No. 1523PS	\$2,150	Sr. Facilities Executive Director	9/27/18
8	OCPS Academic Center for Excellence 131-PS8-SW-5	Due diligence for the purpose of acquisition during Phase I environmental site assessment for real property project.	Professional Service Industries, Inc.	Amendment No. 02 to Work Authorization No. 1517170 for Geotechnical & Environmental Services RFQ No. 1517PS	\$2,238	Director, Real Estate Management	9/27/18
9	OCPS Academic Center for Excellence 131-PS8-SW-5	Due diligence for the purpose of acquisition during Phase I environmental site assessment for real property project.	Professional Service Industries, Inc.	Amendment No. 01 to Work Authorization No. 1517170 for Geotechnical & Environmental Services RFQ No. 1517PS	\$2,092	Director, Real Estate Management	9/27/18
10	Various Schools *	Language modification to correct scrivener's error in the general conditions and requirements for rubberized surfacing for Apopka HS, Boone HS, and University HS athletic field tracks, capital project.	Wharton-Smith, Inc.	Amendment No. 01 to Work Authorization No. 12CM14065B for Construction Management Services RFQ No. 12CM14	\$0	Sr. Facilities Executive Director	9/27/18

* Not Funded by Sales Tax or Capital Renewal

Facilities & Construction Contracting

COVE Report for September 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	Boone HS	Installation of light-emitting diode lighting at buildings 100, 200 and 300 only due to design guideline requirement 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	CCD No. 01 to GMP AM 03	\$91,859	Superintendent / John T. Morris, Chief Facilities Officer	9/6/18
2	K-8 School Site 208-K8-SE-3	GMP reconciliation for Pine Castle ES swing site improvements, new school replacement project.	H. J. High Construction Company	Work Authorization No. 12CM14063 for Construction Management Services RFQ No. 12CM14	Change Order No. 01	(\$82,597)	John T. Morris, Chief Facilities Officer	9/20/18
3	Liberty MS	Modification of substantial completion date and 52 days time extension due to delayed material delivery, existing fire alarm system issues, and preliminary test and balance not timely addressed by Owner's Maintenance for capital renewal project.	Welbro Building Corporation, Inc.	Agreement No. 14CM03SCONWELBRO for Construction Management Services RFQ No. 14CM03	Change Order No. 11 to GMP AM 03	\$0	Sr. Facilities Executive Director	9/27/18
4	Undetermined Site 514-U-SW-5*	Replacement of cast iron water main and asphalt due to unforeseen condition for district capital project.	Wharton-Smith, Inc.	Work Authorization No. 12CM14059B for Construction Management Services RFQ No. 12CM14	Change Order No. 01	\$11,636	Sr. Facilities Director, Maintenance	9/20/18

*Not Funded by Sales Tax or Capital Renewal

OCPS FACILITIES & CONSTRUCTION CONTRACTING
RFQs in Progress: OCTOBER 2018

No.	Contract Description	Pre Submittal Meeting	Open Date	Shortlist Meeting	Interview Meeting	Board / CFO Date	Construction Cost	Status
RFQ 18CM18	CM Services for Site 83-E-SE-2 New ES Relief Project	8/1/2018	8/16/2018	8/29/2018	9/13/2018	10/9/2018	\$17,000,000.00	On-Going
RFQ 18CM20	CM Services for Various Schools Rubberized Track Project	9/5/2018	9/24/2018	10/2/2018	10/9/2018	10/23/2018	\$9,800,000.00	On-Going
RFQ 18CM24	CM Services for Acceleration West Comprehensive Project	10/3/2018	10/24/2018	11/6/2018	11/14/2018	12/11/2018	\$8,545,000.00	On-Going
RFQ 18CM25	CM Services for Hungerford Bldg. # 8 Renovation Project	10/3/2018	10/30/2018	11/8/2018	TBD	12/11/2018	\$3,500,000.00	On-Going
RFQ 18CM26	CM Services for Meadow Woods MS Comprehensive Project	10/10/2018	11/1/2018	11/13/2018	11/27/2018	12/11/2018	\$16,000,000.00	On-Going
RFQ 18CM27	CM Services for Site 80-H-SW-4 High School Relief Project	10/23/2018	11/9/2018	11/29/2018	12/13/2018	1/8/2019	\$85,000,000.00	On-Going
RFQ 18CM28	CM Services for Site 113-H-W-4 High School Relief Project	10/31/2018	11/15/2018	12/4/2018	12/18/2018	1/22/2019	\$88,000,000.00	On-Going

Plan Year(s) Filter: FY13 - FY19
Inventory Group Filter: G3,G4,G5,G6

Location	Age (Wt'd)	Maint. Area	Project Number	Size	Gp	Project Elements														Budget / Committed			Project Cost / Construction Cost				Construction Schedule																	
						Site	Roofing	Structural	Exterior	Interior	Mechanical	Electrical	Plumbing	Life Safety	Technology	Conveyance	Specialties	Required Budget	Assigned to Date	Balance Uncommitted	Estimate Total Cost	Construction Amount	Change Orders	ODP	NTP	Substantial Completion	Closed (Forecast)	Days Past Subst. Compl. (close-out)																
CAPITAL RENEWAL BUDGET																																												
BOARD APPROVED BUDGET																							304,828,376																					
PLANNING PHASE																																												
College Park MS	10-Yr	NE	N0075.1	Sm	G5		✓																																					
Freedom HS	15-Yr	SS	N0096.0	Int	G4					✓	✓	✓	✓																															
Glenridge MS	15-Yr	NE	N0088.0	Int	G4	✓				✓	✓	✓	✓																															
Howard MS	17-Yr	SS	N0089.0	Lg	G3	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓																												
Lakeville ES	20-Yr	NW	N0068.0	Lg	G5	✓				✓	✓			✓																														
Rosemont ES	18-Yr	NW	N0090.0	Int	G5	✓						✓	✓	✓																														
Southwood ES	21-Yr	SS	N0065.1	Int	G5									✓																														
Thornbrooke ES	16-Yr	NW	N0091.0	Lg	G4	✓				✓	✓	✓	✓																															
Three Points ES	18-Yr	SS	N0092.0	Lg	G3	✓				✓	✓	✓	✓																															
Winter Park HS	13-Yr	NE	N0093.0	Lg	G3					✓	✓	✓	✓																															
Unplanned Small Projects (Note 2) 79 Sm Unplanned: 34 in FY19 and 45 in FY20																							5,100,000																					
SUBTOTAL - PLANNING 10 Projects (excludes unplanned Sm projects)																							10,349,092	95,292	10,253,800	50,765,000	38,900,000																	
DESIGN / PRE-CONSTRUCTION PHASE																																												
Acceleration East	16-Yr	NE	N0084.0	Lg	G4		✓			✓																																		
Bonneville ES	17-Yr	NE	N0027.0	Lg	G4		✓			✓	✓																																	
Citrus ES	19-Yr	NW	N0057.1	Int	G3				✓		✓																																	
Colonial 9GC	18-Yr	NE	N0058.0	Lg	G4	✓	✓		✓	✓	✓	✓	✓																															
Colonial HS	20-Yr	NE	N0035.0	Lg	G3		✓		✓	✓	✓	✓	✓	✓																														
Discovery MS	22-Yr	NE	N0036.0	Lg	G5				✓	✓	✓	✓	✓																															
Gotha MS	24-Yr	NW	N0032.0	Lg	G5				✓	✓	✓	✓	✓																															
Jones HS	14-Yr	SS	N0059.2	Lg	G3	✓			✓	✓	✓	✓	✓																															
Lawton Chiles ES	19-Yr	NE	N0060.0	Int	G3		✓		✓	✓																																		
Northlake Park ES	19-Yr	SS	N0078.0	Int	G3					✓																																		
Oakshire ES	19-Yr	SS	N0094.0	Lg	G3					✓																																		
Oakshire ES	19-Yr	SS	N0061.0	Int	G3		✓				✓	✓	✓	✓																														
Ocoee MS	19-Yr	NW	N0026.0	Int	G3	✓	✓		✓	✓	✓	✓	✓	✓																														
Ocoee MS	19-Yr	NW	N0026.1	Lg	G3		✓		✓	✓	✓	✓	✓																															
Odyssey MS	18-Yr	NE	N0067.0	Lg	G3		✓		✓	✓	✓	✓	✓																															
Olympia HS	18-Yr	NW	N0033.2	Lg	G3		✓		✓			✓	✓																															
Piedmont Lakes MS	25-Yr	NW	N0029.0	Sm	G5				✓		✓																																	
Pinewood ES	21-Yr	NW	N0095.0	Lg	G5					✓																																		
Pinewood ES	21-Yr	NW	N0062.0	Int	G5		✓							✓																														
Ridgewood Park ES	12-Yr	NW	N0063.0	Int	G4	✓			✓		✓			✓																														
Riverdale ES	20-Yr	NE	N0064.0	Int	G5		✓			✓			✓	✓																														
Southwood ES	21-Yr	SS	N0065.0	Int	G5		✓			✓	✓	✓																																
Wolf Lake MS	12-Yr	NW	N0086.0	Int	G4					✓																																		
SUBTOTAL - DESIGN 23 Projects																							89,470,486	8,574,416	80,896,071	106,561,000	80,091,039																	

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

- Notes**
- 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).
 - "Unplanned Small Projects" assumes 15 projects per year, per Maintenance Area, at \$150K average per project.

Plan Year(s) Filter: FY13 - FY19
Inventory Group Filter: G3,G4,G5,G6

Project Elements

Location	Age (Yr'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									
																		Required Budget FY13 - FY19	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																																		
Blankner K8	17-Yr	NE	N0023.0	Lg	G4		✓		✓	✓	✓	✓	✓	✓			✓	6,250,000	6,130,263	119,737	6,250,000	5,449,595	(617,791)	1	(1,207,951)	2	03/28/18A	08/02/19						
Boone HS	27-Yr	NE	N0031.0	Lg	G3		✓			✓	✓	✓	✓	✓				24,651,000	20,288,257	4,362,744	24,651,000	17,189,003	91,859	1	(1,859,776)	2	02/12/18A	08/06/19						
Chain of Lakes MS	20-Yr	NW	N0076.0	Int	G3					✓	✓	✓						1,761,000	1,600,419	160,581	1,761,000	1,501,038	-	-	(163,083)	1	03/07/18A	10/26/18						
Colonial HS	20-Yr	NE	N0035.1	Int	G3	✓												1,998,000	1,849,421	148,579	1,998,000	1,568,497	233,110	2	(258,600)	1	03/20/18A	02/14/19						
Dr Phillips HS	6-Yr	SS	N0131.0	Int	G6						✓							378,000	348,866	29,134	378,000	348,866	-	-	-	-	05/24/18A	12/31/18						
Lawton Chiles ES	19-Yr	NE	N0060.1	Int	G3										✓			440,000	360,418	79,582	440,000	-	-	-	-	-	10/22/18A	11/09/18						
Lockhart MS	10-Yr	NW	N0129.0	Sm	G5						✓							219,700	168,723	50,977	219,700	168,723	-	-	-	-	06/14/18A	12/14/18						
Timber Creek HS	19-Yr	NE	N0037.2	Lg	G3		✓		✓	✓	✓			✓	✓	✓		16,958,000	14,901,050	2,056,950	16,958,000	13,982,080	-	-	(2,625,953)	1	07/05/18A	08/30/19						
SUBTOTAL - CONSTRUCTION																		52,655,700	45,647,417	7,008,283	52,655,700	40,207,800	(292,823)	4	(6,115,363)	7								
CLOSE-OUT																																		
Avalon MS	12-Yr	NE	N0079.1	Sm	G4									✓				162,000	126,466	35,534	162,000	126,466	-	-	-	-	04/10/17A	08/29/18A	10/28/18					
Blankner K8	17-Yr	NE	N0023.1	Int	G4										✓			542,000	537,243	4,757	542,000	-	-	-	-	-	03/16/18A	04/02/18A	11/20/18					
Citrus ES	19-Yr	NW	N0057.0	Int	G3		✓		✓	✓	✓	✓	✓	✓	✓			1,715,000	1,539,609	175,392	1,715,000	1,104,954	-	-	(195,000)	1	04/13/18A	08/13/18A	12/11/18					
College Park MS	10-Yr	NE	N0075.0	Int	G5	✓	✓	✓	✓	✓	✓	✓	✓	✓				1,654,000	1,629,748	24,252	1,654,000	1,516,475	-	-	(322,800)	1	01/18/18A	08/07/18A	12/11/18					
Jackson MS	15-Yr	NE	N0077.0	Int	G4	✓			✓	✓	✓	✓	✓	✓				1,476,000	1,318,465	157,535	1,476,000	1,087,070	-	-	(34,336)	2	10/03/17A	01/29/18A	12/11/18					
Jones HS	14-Yr	SS	N0059.3	Lg	G3	✓												3,014,000	2,818,679	195,321	3,014,000	2,532,775	247,835	3	-	-	05/24/16A	08/14/17A	12/11/18					
Lakeview MS	23-Yr	NW	N0041.2	Int	G3	✓				✓	✓	✓						963,000	850,757	112,244	963,000	718,185	-	-	(37,770)	1	05/19/17A	10/11/17A	12/11/18					
Lakeville ES	20-Yr	NW	N0068.1	Int	G5										✓			600,000	441,771	158,229	600,000	-	-	-	-	-	07/23/18A	08/03/18A	12/04/18					
Liberty MS	13-Yr	NE	N0022.0	Lg	G4	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		9,055,000	8,417,410	637,590	9,055,000	7,401,231	172,749	8	(1,263,495)	2	02/09/16A	02/19/18A	12/11/18					
Metrowest ES	6-Yr	NW	N0038.0	Int	G5	✓	✓		✓					✓				1,129,000	994,018	134,982	1,129,000	996,893	(209,674)	5	-	-	06/02/15A	11/19/15A	12/11/18					
Odyssey MS	18-Yr	NE	N0067.1	Int	G3	✓	✓		✓	✓	✓	✓						2,181,000	1,997,481	183,519	2,181,000	1,965,969	-	-	(703,648)	1	06/06/17A	11/30/17A	12/11/18					
Ridgewood Park ES	12-Yr	NW	N0063.2	Int	G4										✓			500,000	354,712	145,288	500,000	-	-	-	-	-	09/17/18A	09/28/18A	11/27/18					
Riverdale ES	20-Yr	NE	N0064.1	Int	G5										✓			410,000	335,331	74,669	410,000	-	-	-	-	-	09/04/18A	09/21/18A	11/20/18					
Rosemont ES	18-Yr	NW	N0090.1	Int	G5										✓			420,000	413,085	6,915	420,000	-	-	-	-	-	07/30/18A	08/10/18A	12/11/18					
Winter Park HS	13-Yr	NE	N0066.2	Int	G3	✓												1,628,000	1,501,131	126,869	1,628,000	1,220,671	-	-	-	-	06/30/17A	08/11/17A	12/11/18					
Wolf Lake ES	12-Yr	NW	N0085.0	Int	G4						✓							1,104,000	984,961	119,038	1,104,000	881,746	-	-	(203,095)	2	12/06/17A	05/02/18A	12/11/18					
SUBTOTAL - CLOSE-OUT																		26,553,000	24,260,867	2,292,133	26,553,000	19,552,435	210,910	16	(2,760,144)	10								
PREVIOUSLY COMPLETE																		37,844,048	35,443,840	2,400,208	37,844,048	34,467,373	1,348,805	23	(1,990,930)	17								
GRAND TOTAL																		\$ 216,872,326	\$ 114,021,832	\$ 102,850,494	\$ 274,378,748	\$ 213,218,648	\$ 1,266,892	43	\$ (10,866,437)	34								

Available Thru FY19 \$ 87,956,051

Available Thru FY20 \$ 102,749,629

Project Size Key

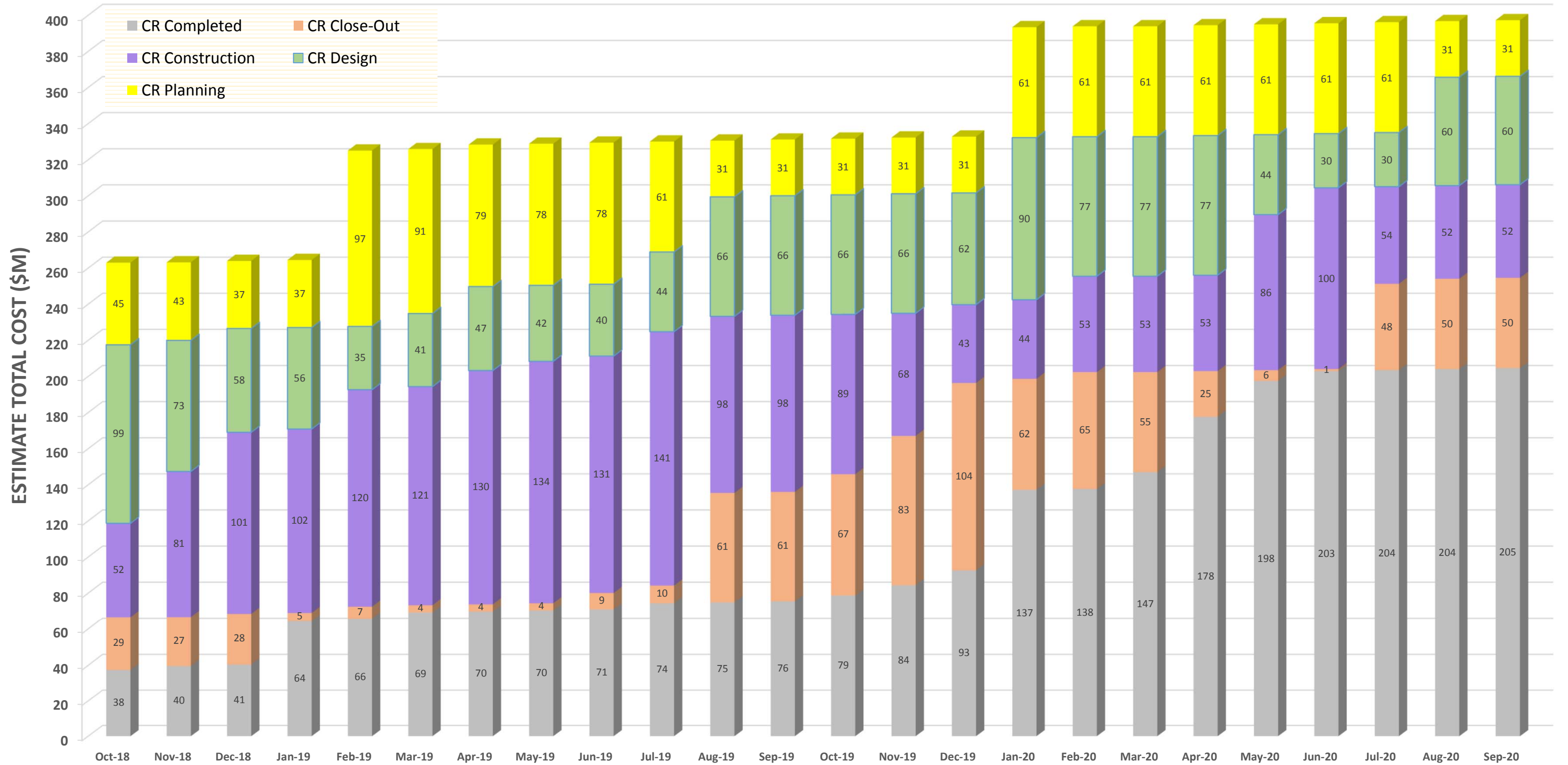
- Lg - Constr. Amount > \$2M
- Int - Constr. Amount > \$280K and < \$2M
- Sm - Constr. Amount < \$280K

Notes

- 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).
- "Unplanned Small Projects" assumes 15 projects per year, per Maintenance Area, at \$150K average per project.

Capital Renewal Forecast

Reporting Period: 10/1/18 thru 9/30/20



Capital Renewal Update as of October 25, 2018

Capital Renewal Update:

There are 41 active projects (20 large, 18 intermediate, 3 small) currently in progress for improvements at 35 sites, with an estimated total cost of \$198.1M and construction cost of \$149.3M. These include 10 projects in planning, with an estimated total cost of \$38.9M; 23 projects in design, with an estimated total cost of \$106.6M; and 10 projects in construction, with an estimated total cost of \$52.7M. The value of projects in each phase do not differ significantly from the previous update.

A small chiller renewal at Glenridge Middle School and digital curriculum projects at Ridgewood Park and Riverdale Elementary Schools were completed since the last report. Another digital curriculum project at Lawton Chiles Elementary School commenced construction.

Construction continues on large campus-wide projects at Boone and Timber Creek High Schools and Blankner Middle School, all of which are scheduled for completion in late summer, 2019. Work also continues on small or intermediate mechanical system replacement projects at several schools, as well as replacement of the track at Colonial High School. All of these projects are scheduled for completion later this year or early next year.

Several additional projects are nearing construction commencement. Agreement has been reached on a Guaranteed Maximum Price (GMP) for a large campus-wide project at Olympia High School with construction commencement scheduled for November 9th. Negotiations are underway to finalize GMP's for Odyssey Middle School, and Southwood Elementary School, and a gymnasium renovation at Ocoee Middle School. Construction for these projects is now scheduled to commence in late November or early December, with completion scheduled for spring or summer of 2019. Bids have also been received for campus-wide projects at Gotha Middle School and Colonial High School, with construction commencement expected late in December.

The large and intermediate projects scheduled to commence later in 2018 represent an additional \$37.4M of anticipated construction contract awards in 2018. We are still currently projecting approximately \$80M of construction contract awards in calendar year 2018.

Bidding will commence later in November for campus-wide projects at Pinewood and Oakshire Elementary Schools and a building HVAC system replacement at Northlake Park Elementary School, with construction commencement anticipated early next year. Completion of the Pinewood and Oakshire projects will extend to summer, 2020; the Northlake Park project is scheduled for completion in summer, 2019.

Design work continues on eleven additional large or intermediate projects and one small project; construction on these projects will commence in spring or summer 2019. Based on construction cost estimates and schedules for these projects, an additional \$33.4M of construction contract awards are anticipated through the summer of 2019.

Planning continues for ten projects (five large, four intermediate, one small) that will start construction later in 2019, completing in 2020.

The forecasted balance of available, unused funds through the end of the next two fiscal years is essentially unchanged, with very minor adjustments. Approximately \$88.0M of capital renewal funds budgeted through FY 2019, and a total of \$102.7M currently budgeted through FY 2020, are available for new, unplanned requirements.

Capital Renewal Update as of October 25, 2018 Changes since 9/25/18

Planning

- Moved to Construction
 - o Lawton Chiles ES – N0060.1 Digital Curriculum (Cohort 7)

Design

- No Change

Construction

- Moved from Planning
 - o Lawton Chiles ES – N0060.1 Digital Curriculum (Cohort 7)
- Moved to Closeout
 - o Ridgewood Park ES – N0063.2 Digital Curriculum (Cohort 7)
 - o Riverdale ES – N0064.1 Digital Curriculum (Cohort 7)
- Moved to Complete
 - o Glenridge MS – N0079.5 Chiller Renewal

Close-Out

- Moved from Construction
 - o Ridgewood Park ES – N0063.2 Digital Curriculum (Cohort 7)
 - o Riverdale ES – N0064.1 Digital Curriculum (Cohort 7)

Complete

- Moved from Construction
 - o Glenridge MS – N0079.5 Chiller Renewal

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.
- Lockhart MS – Gymnasium HVAC Roof-top Unit Replacement. This unit was not included in the scope of 2010 comprehensive renovation that replaced most buildings on the campus.

Capital Renewal Update as of October 25, 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

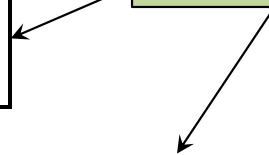
- NE - Northeast Maintenance Area
- NW - Northwest Maintenance Area
- SS - Super South Maintenance Area

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

Capital Renewal Update as of October 25, 2018

Active Projects With Construction Cost Exceeding \$10M

Boone High School Campus-wide Capital Renewal Project

Guaranteed Maximum Price: \$17,189,003

Campus-Wide Renovations (excluding auditorium, gymnasium/cafeteria)

- Complete roof replacement, all buildings
- Roof drain replacement in conjunction with roof replacement
- New lightning protection system
- Fire alarm system replacement
- Security camera system replacement
- Security camera system expansion (alternate funding)
- Replacement of the campus intercom system
- Re-keying all interior and exterior doors
- Upgrade of the existing Building Automation System (BAS) to support central monitoring

Classroom Buildings (100, 200, 300)

- Repair of CMU cracks, replacement of window and door sealants, and exterior wall painting
- Repair of damaged stucco soffit
- Replacement of exterior site lighting
- Replacement of exterior stairs (Building 100 only)
- Renovation of group restrooms with new fixtures, partitions and finishes
- Revision of restroom floor plans to meet accessibility requirements in conjunction with renovation
- Replacement of domestic water and wastewater piping
- Replacement of the building heating, ventilating and air conditioning (HVAC) system
- Conversion of the HVAC system to central station air handling units (AHU) in conjunction with replacement, with new mechanical rooms, ductwork, fans, VAV boxes, AHUs, piping
- Conversion from hot water to electric heat in conjunction with HVAC system replacement
- Replacement of acoustical ceilings to facilitate HVAC system conversion to AHU system
- Replacement of light fixtures with new LED panels in conjunction with ceiling replacement
- Fire sprinkler system modifications to facilitate HVAC system conversion to AHU system
- Replacement of cooling towers, condenser and chilled water pumps, boilers and condenser water treatment at the Central Energy Plant (CEP)

Other Buildings

- Replacement of the HVAC chiller and pumps serving the Field House

Capital Renewal Update as of October 25, 2018
Active Projects With Construction Cost Exceeding \$10M

Timber Creek High School Campus-wide Capital Renewal Project

Guaranteed Maximum Price: \$13,982,080

Building Envelope Renovations

- Complete roof replacement, all buildings
- Roof drain replacement in conjunction with roof replacement
- New lightning protection system
- Wall crack repairs at the Central Energy Plant (CEP)

Heating, Ventilating and Air Conditioning (HVAC) Renovations

- Replacement of all air-handling units (AHUs), campus-wide (47 AHUs)
- Addition of bi-polar ionization to select AHUs in conjunction with AHU replacement
- Replacement of HVAC duct work within mechanical rooms
- Replacement of all rooftop mechanical equipment (exhaust fans, air intakes)
- Variable frequency drive (VFD) replacements for AHUs and pumps
- Replacement of heating hot water piping and valves, campus-wide
- Replacement of cooling towers, condenser and chilled water pumps, boilers, condenser water piping and condenser water treatment at the Central Energy Plant (CEP)
- Replacement of the existing building automation system (BAS), campus-wide
- Rebalancing of all HVAC systems

Low-voltage System Improvements

- Replacement of the campus intercom system
- Replacement of the gymnasium sound system
- Replacement of the cafeteria sound reinforcement system

Safety and Security

- Fire alarm system replacement
- Intrusion detection system replacement
- Security camera system replacement
- Security camera system expansion (alternate funding)

Capital Renewal Update as of October 25, 2018

Active Projects With Construction Cost Exceeding \$10M

Olympia High School Campus-wide Capital Renewal Project

Guaranteed Maximum Price: \$13,232,880

Building Envelope Renovations

- Complete roof replacement (2 buildings) or new roof membrane (8 buildings), campus-wide
- Roof drain repair or replacement in conjunction with roof replacement
- New lightning protection system
- Sealant replacement at all sidewalk to wall transitions
- Sealant replacement at all tilt wall panel joints
- Wall crack and concrete spalling repairs at building 1100 and the cooling tower yard

Heating, Ventilating and Air Conditioning (HVAC) Renovations

- Replacement of all air-handling units (AHUs), campus-wide (49 AHUs)
- Addition of bi-polar ionization to select AHUs in conjunction with AHU replacement
- Replacement of HVAC duct work within mechanical rooms
- Variable frequency drive (VFD) replacements for AHUs and pumps
- Replacement of heating hot water piping and valves, campus-wide
- Replacement of cooling towers, condenser and chilled water pumps, boilers, condenser water piping and condenser water treatment at the Central Energy Plant (CEP)
- Replacement of the existing building automation system (BAS), campus-wide
- Rebalancing of all HVAC systems

Low-voltage System Improvements

- Replacement of the campus intercom system
- Replacement of the gymnasium sound system

Safety and Security

- Fire alarm system replacement
- Security camera system replacement
- Security camera system expansion (alternate funding)

Notes



On behalf of OCPS
Facilities Services, we
thank you for another
year of your service.

