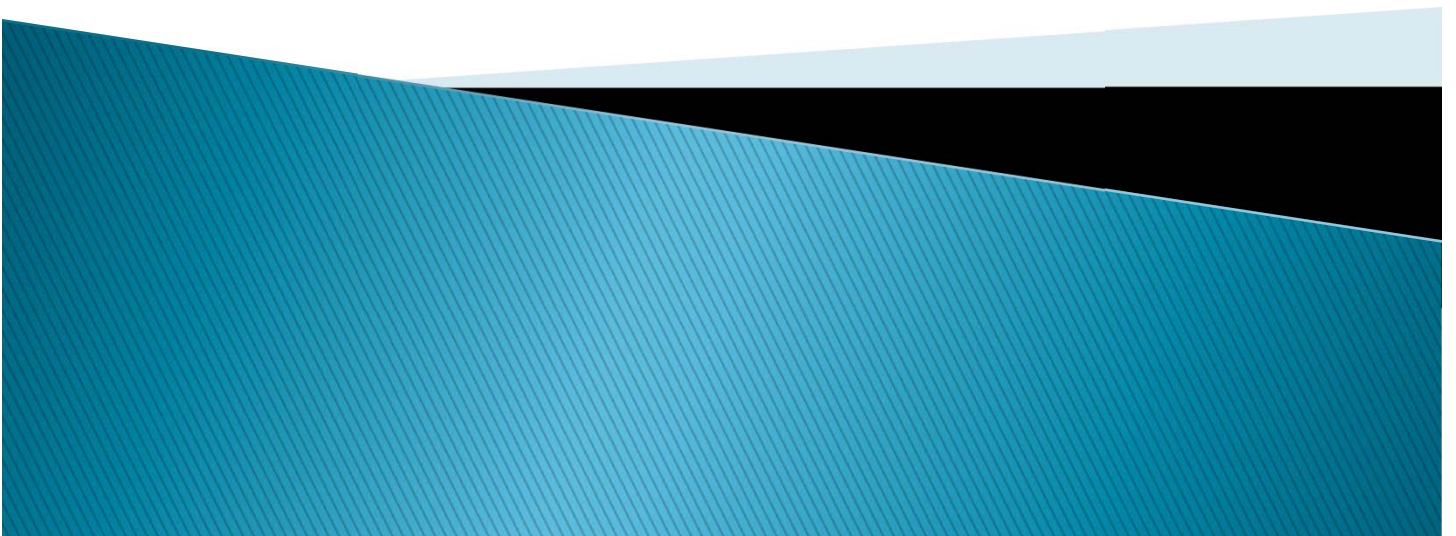




COVE Meeting

CITIZENS' CONSTRUCTION OVERSIGHT AND VALUE ENGINEERING

October 18, 2018



COVE Meeting Agenda

Thursday, October 18, 2018 @ 8:00 a.m.
Facilities Services - Building 200
6501 Magic Way, Orlando, Florida 32809

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

- Chairman Comments

II. Departmental Reports

- Project Status Report - Basem Ghneim/Mari Espinal ----- Pg. 4-10
- M/WBE Subcommittee Update - Joycelyn Henson ----- Pg. 11-12
- Change Order Update - Ed Ames ----- Pg. 13-18
- Capital Renewal Update - Rory Salimbene ----- Pg. 19-24

III. Presentations/Reports

- Demographics Update - Carol McGowin/Tom Moore
- Lessons Learned - Basem Ghneim

IV. Discussion and Adjournment

- The next COVE Meeting will held on November 15, 2018.

COVE Meeting Minutes

The Construction Oversight and Value Engineering Committee (COVE) monthly meeting convened on Thursday September 20, 2018, at 8:00 a.m., at Facilities Services, 6501 Magic Way, Bldg. 200, Orlando, Florida 32809.

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

OCPS Staff in Attendance: John Morris, Superintendent Barbara Jenkins, Laura Kelly, Dale Kelly, Judith Padres, Mari Espinal, Basem Ghneim, Ed Ames, Rory Salimbene, Lauren Roth, Linda Lindsey, Vince Roberts, Alva Johnson, Toni Greene, Mark O'Connor, Mariangeles Garcia, and Sandra Roopwah (as scribe).

Call to Order:

A quorum was established and Chairman Ksenia Merck called the meeting to order at 8:10 a.m.

I. Approval of Minutes

The minutes from June 21, 2018 were presented and were approved unanimously by the Committee.

II. Departmental Reports

➤ **Finance Report** – Judith Padres/Dale Kelly

- Judith Padres

- Since our last meeting, the new adopted budget was approved by the board on September 11, 2018.

- Dale Kelly

- Dale Kelly provided an update of sales tax collections.

- Comments/Questions

- Pat Knipe questioned the duplicate amount of sales tax collections for fiscal year 2017 and 2018. Dale Kelly mentioned it was a typo and will be amended.
- Dr. Jenkins noted that the current Board would like to host an event with the COVE Committee to acknowledge when the completion of all projects on the sales tax list occurs.

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

- Mari Espinal

- There were no significant changes to report this month.

- Basem Ghneim
 - There are currently 18 projects under construction amounting to approximately \$414 million.
 - Comments/Questions
 - Ernesto Gonzalez-Chavez requested a presentation on how to maximize building space on smaller tracts of land.
 - Dr. Jenkins suggested to include in the presentation the County's requirements for acreage and stacking and how it impacts our space needs.
 - Action Item
 - In November, Basem Ghneim will present the Facilities Condition Assessment presentation and will address maximizing building footprints.
- **Change Order Report – Ed Ames**
- Discussion
 - There were three (3) significant change orders to report for the month of June.
 - Currently, there are seven (7) RFQ's soliciting different services.
- **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 in capital renewal projects have decreased by approximately \$16 million.
 - Comments/Discussions
 - Mario Cuello asked about the nature of digital curriculum renewals and its life expectancy (i.e. wiring or Wi-Fi).
 - Ernesto Gonzalez-Chavez requested a presentation about the technology program, including digital curriculum renewals. Chairman Merck agreed that a presentation would be appropriate.
 - Superintendent Jenkins suggested bringing Chief Information Officer, Jim Pulliam, to a future COVE meeting to discuss the technology program.
 - Chairman Merck reiterated her request that any capital renewal project over \$10 million have a detailed scope provided to COVE.
 - Follow-up

- As requested at May’s COVE Meeting, Rory Salimbene handed out a bar chart showing the dollars and areas of commitment per phase of capital renewal.
- Action Item
 - How can the district quantify the benefits of changing and staggering construction projects throughout the year?

III. **Presentation**

➤ **School Impact Fees Audit** – Linda Lindsey/Vince Roberts

- Discussion
 - Linda Lindsey and Vince Roberts provided the results of the recent audit of school impact fees performed by the district’s internal audit department. She reviewed the audit’s findings and recommendations and noted that the district was able to collect \$1.3 million that had been owed to the district by the City of Orlando since 2007.

➤ **Community Update** – Lauren Roth

- Discussion
 - Lauren Roth gave an overview of the 11 schools that opened this summer and OCPS’ Town Hall Meeting addressing “How OCPS Builds Schools.”

IV. **Adjournment**

- The next meeting will be held on Thursday, October 18, 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 9:55 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
 October 18, 2018

Funding Source	Priority #	School Name	F1	F2	F3	Estimated Cost At Completion	Variance	GMP Amount	F4		F5		Approved Construction		F6	Contract Type	CM / GC Firm	AE Firm		
			Original 2019 Board Adopted Budget	Adopted Budget Changes	Current Board Adopted Budget				Construction Change Orders	ODP Change Orders	NTP Construct	Contract Subst. Com	Number of Days Past Substantial (Close-out)							
Budget									Amount		#		Deducts		#		Schedule		Contracting	
PLANNING PHASE																				
Sales Tax	New	Site 73-T-W-7 (OTC Westside Campus)	36,500,000	-	36,500,000	36,500,000														
		Sub Total	36,500,000	-	36,500,000	36,500,000														
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	22,768,000	532,000	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	21,876,000	1,384,000	18,048,328			(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	37,947,000	667,000	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	-	11,065,947			(2,766,487)	1	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	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		GMP	Williams Co	BRPH		
Sales Tax	129	Hungerford ES	18,022,000	-	18,022,000	18,022,000	-	14,723,364	74,062	3	(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	39,007,000	-	39,007,000	38,779,000	228,000	29,563,321	27,968	1	(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	267,034,000	-	267,034,000	264,223,000	2,811,000	195,174,661	796,464	11	(47,335,844)	11								
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	86	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	482	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	456	GMP	Wharton	Schenkel		
Sales Tax	130	Hidden Oaks ES	19,056,000	-	19,056,000	19,056,000	-	14,608,038	195,941	2	(3,652,009)	1	7/24/2017	09/18/2018	30	GMP	CORE	Harvard Jolly		
Sales Tax	New	Lake Como School (Site 205-K8-SW-6)	37,810,000	-	37,810,000	37,560,000	250,000	30,108,765	181,858	3	(7,460,000)	1	2/7/2017	6/19/2018	121	GMP	Williams Co	Harvard Jolly		
Sales Tax	127	Maxey ES (Site 207-E-W-7)	17,790,000	-	17,790,000	17,646,000	144,000	14,609,699	-	3	(3,652,425)	1	7/17/2017	7/17/2018	93	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	437	GMP	Williams Co	Baker Barrios		
Sales Tax	106	Pine Hills ES	21,634,000	-	21,634,000	21,472,000	162,000	17,489,097	129,915	1	(4,372,274)	1	7/20/2017	7/26/2018	84	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	373	GMP	Turner	Schenkel		
		Sub Total	346,558,534	-	346,558,534	345,762,534	796,000	277,946,234	615,860	47	(71,465,902)	18								
Grand Total			1,058,542,534	-	1,058,542,534	1,054,935,534	3,607,000	473,120,894	1,412,325	58	(118,801,745)	29								

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

- Timber Springs MS** – CFI pending corrective work at soccer field (drainage/grading).
- OCPS ACE** - Anticipate presenting the CFI to the Board on 10/23/18
- 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 Auditorium only .



PROJECT STATUS SUMMARY REPORT

COMPREHENSIVE SCHOOLS

October 18, 2018

Funding Source	Priority #	School Name	F1 Original 2019 Board Adopted Budget	F2 Adopted Budget Changes	F3 Current Board Adopted Budget	Estimated Cost At Completion	Variance	GMP Amount	F4 Construction Change Orders		F5 ODP Change Orders		Approved Construction		F6 Number of Days Past Substantial (Close-out)	Contract Type	CM / GC Firm	AE Firm	
									Amount	#	Deducts	#	NTP Construct	Contract Subst. Com					
Budget													Schedule		Contracting				
PLANNING PHASE																			
Sales Tax	65	Acceleration West	14,000,000	-	14,000,000	14,000,000													
Sub Total			14,000,000	-	14,000,000	14,000,000													
DESIGN PHASE																			
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			50,408,000	-	\$50,408,000	\$50,408,000													
CONSTRUCTION PHASE																			
Sales Tax	100	Corner Lake MS	21,151,000	-	21,151,000	20,892,000	259,000	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	16,316,000	1,001,000	11,125,623			(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	13,128,000	253,000	8,699,086			(2,174,772)	1	6/20/2018	7/26/2019		GMP	CORE	Hunton Brady	
Sales Tax	93	Sally Ride ES	20,448,000	-	20,448,000	20,448,000	-	15,663,493	420,103	3	(3,916,000)	1	7/17/2017	10/15/2018		GMP	Charles Perry	Song & Assoc	
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	
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			127,583,000	\$0	\$127,583,000	\$126,070,000	1,513,000	\$89,301,451	639,098	7	(21,833,935)	8							
CLOSE OUT PHASE																			
Sales Tax	99	Hillcrest ES	20,580,000	-	20,580,000	20,279,000	301,000	16,274,292	372,439	6	(4,201,726)	2	7/27/2017	7/11/2018	99	GMP	Wharton	C.T. Hsu	
Sub Total			20,580,000	-	20,580,000	20,279,000	301,000	16,274,292	372,439	6	(4,201,726)	2							
Grand Total			212,571,000	-	212,571,000	210,757,000	1,814,000	105,575,743	1,011,537	13	(26,035,661)	10							

Footnotes

- F1 - Reflects figure from the 10yr Capital Budget dated September 11, 2018.
- F2 - Reflects changes to the FY 2019 board adopted budget.
- 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.



SUNRISE ELEMENTARY SCHOOL
PROJECT #18-01-005
10.04.18





Union Park Elementary School



09-19-18



Frangus Elementary School Replacement

09.21.18





727.520.8181
www.aerophoto.com

Pershing K8 School

Image # 25
Date 09.25.18





Site 25-E-SW-4 Elementary School

09.21.18





Deerwood Elementary School



09-19-18



727.520.8181
www.aerophoto.com

Site 49-E-W-4
(Horizon West Area/Village H South)
RFQ17CM12

Image # 52
Date 10.09.18



Boone High School
Auditorium
10.04.18



Construction Update as of October 9, 2018

We continue with **17 projects under construction** amounting to approx. **\$395M**.

7 – Comprehensive = \$127,583,000

- **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 achieved on July 10, 2018. Final overall substantial completion is scheduled for October 15, 2018.
- **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.
- **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 and the renovation of the existing classroom buildings was achieved on August 9, 2018. The overall substantial completion involving the existing facility demolition and new playfields 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.
- **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,

10 - New/Replacements = \$267,034,000

- **Frangus ES** (Replacement) - construction NTP was issued on July 25, 2017, with a main building substantial completion achieved on July 30, 2018. Subsequent existing building demo and related site work is scheduled to be completed by October 30, 2018.
- **Hungerford ES** (Replacement) - construction NTP was issued on July 27, 2017, with a main building substantial completion achieved on June 22, 2018. 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 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 continues to work 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.
- **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:
 - **Hidden Oaks ES** – achieved an overall substantial completion on September 18, 2018.
 - **Dover Shores ES** (Jackson MS) - the roadway realignment was substantially completed on September 17, 2018.

Anticipated future milestones for construction:

- **Sally Ride ES** - existing building demo and related site work substantial completion is scheduled for October 15, 2018.
- **Union Park ES** - the overall substantial completion involving the existing facility demolition and new playfields is scheduled for October 26, 2018.
- **Frangus ES** - existing building demo and related site work is scheduled to be completed by October 30, 2018.
- **Hungerford ES** - existing building demo and related site work is scheduled to be completed by October 30, 2018.
- **Dover Shores ES** (Jackson MS) - the overall substantial completion of the Jackson MS athletic amenities is scheduled for November 16, 2018.
- **Pine Hills Transportation Compound** – first phase involving Bus Parking and Staging areas, along with the administration building is expecting a substantial completion mid-November 2018.

For:

Close-out

- We currently have ten (10) 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
 - Pinehills ES
- With one project recently added:
 - Hidden Oaks ES

For:

Design

- We currently have 11 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



HIDDEN OAKS ELEMENTARY SCHOOL REPLACEMENT

**Office of Business Opportunity
MWBE/LDB/VE FY19 Q1 Report
October 9, 2018**

Background

Per district procedures, the Office of Business Opportunity is required to provide a quarterly report of participation for minority- and woman-owned business enterprises (MWBEs), local developing businesses (LDBs), and veteran-owned enterprises (VBEs). To this end, the minority and women-owned business enterprise (MWBE) participation percentages for construction and professional services through the first quarter of Fiscal Year 2019 are below. This report will be presented to and reviewed by COVE at the October 18, 2018 meeting.

Participation Data

Data regarding sub-contractor participation for Construction and Professional Services is based on the contracts awarded to the sub-contract as a percentage of the total contract value as of the specified date. The participation percentage for construction and professional services represents the following calculation:

$$\frac{\text{Total dollars **contracted** by prime contractors with the MWBE sub-contractors}}{\text{Total dollars **contracted** by OCPS with the prime contractors}}$$

<u>Category</u>	<u>Board Policy</u>	<u>FY18</u>	<u>FY19Q1</u>
Construction	23%	29%	23%
Professional Services	15%	22%	16%

Local Developing Business (LDB)

The Local Developing-Business program is the district's race-neutral small-business program. This program intends to support local small businesses (as defined by net profit and personal net worth limitations). These small businesses must be located locally within the Orlando Statistical Metropolitan area (Orange, Osceola, Lake, and Seminole Counties). The district has an overall goal of spending 10% with local developing businesses. Currently, the district has sub-contracted 4% LDB participation in construction and 8% LDB participation in professional services.

Veteran Business Enterprise (VBE)

The district implemented its Veteran Business Enterprise program in Fiscal Year 2016. The language encouraging participation was added to all procurement solicitation documents. In addition, vendors submitting proposals that included VBE sub-contractors/consultants on their team were awarded points in the selection process. The district has awarded several contracts directly to VBEs, including RL Burns, Blue Cord, Eagle 6 (IT) and several other VBEs. The district has received an overwhelmingly positive response from the Veteran community for its VBE program. The district has an overall goal of spending 3% with veteran-owned businesses. Currently, the district has sub-contracted a combined 1% with in construction and professional services.

District programs (MWBE, LDB, and VBE) support the district’s goals of operational efficiency by increasing competition; and sustained community engagement by ensuring the inclusion of small businesses in the procurement process

Outreach

In support of the district’s goal of Sustained Community Engagement, the Office of Business Opportunity (OBO) hosted and/or attended over 50 outreach events during Fiscal Year 2018. Outreach events provide meaningful interactions for members of the business community to network and gain additional information and insight on how to do business with the school district. In addition, the events allow OBO staff to share information about the district programs aimed at increasing purchasing with MWB, LDB, and Veteran- Owned Business enterprises (VBE).

Below please find the list of the 28 outreach events hosted and attended during the first quarter of Fiscal Year 2019. The Office of Business Opportunity maintain a copy of invitations, agendas, and business cards for each activity attended.

Date	Event
July 12, 2018	East Orange Community Center Meeting
July 17, 2018	FAVOB Board of Directors Meeting
July 18, 2018	Valuing Diversity Workshop
July 26, 2018	How to do Business with OCPS
July 26, 2018	FAVOB VBE New Vendor Registration with OCPS Office of Business Opportunity
July 31, 2018	Florida DMS Information Technology Procurement Forum
July 31, 2018	DMS & UCF Orlando Diversity Exchange
August 1, 2018	NAMC Economic Forecast, Strong EconomyNow What?
August 14, 2018	NAWBO Orlando Annual Certification Workshop
August 16, 2018	HCCMO Hispanic Business Conference
August 17, 2018	HCCMO Supplier Diversity Matchmaking
August 21, 2018	FAVOB Board of Directors Meeting
August 21, 2018	FSMSDC Supplier Diversity Professionals Roundtable
August 24, 2018	How to do Business with OCPS
August 29, 2018	Trapped in the Trade Workshop
August 30, 2018	Supply Chain Sustainability Overview Workshop
September 6, 2018	FDBC 2 nd Annual State of the Council Report
September 10, 2018	OCPS (Walker & Forte Young) A Subcontractor Outreach Event
September 11, 2018	Community Partners Workshop
September 12, 2018	UCF Downtown/Pre-Bid Subcontractor Outreach
September 13, 2018	Get Involved – Community Center Advisory Committee Meeting
September 18, 2018	Orange County Hispanic Heritage Month Celebration
September 21, 2018	GOAA Veterans Program 2 nd Outreach & Networking Event
September 21, 2018	NIGP Membership Meeting
September 27, 2018	Chamber of Commerce Canada/Florida Luncheon Event
September 27, 2018	Talent Dimensions Diversity, Development & Dessert Dialogue
September 28, 2018	How to do Business with OCPS
September 28, 2018	Women’s Night of Networking

Change Orders Report

Facilities & Construction Contracting
August 2018

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

Facilities & Construction Contracting

COVE Report for August 2018

CONTRACTS AMENDED							
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	AMENDMENT	APPROVAL REQUIRED	CPSC DATE
1	Boone HS	Geotechnical design level (task 2) services for borings on the existing campus for the design of the new gymnasium for on-site replacement project.	Terracon Consultants, Inc.	Amendment No. 01 to Work Authorization No. 1517106 for Geotechnical & Environmental Services RFQ No. 1517PS	\$4,467	Sr. Facilities Executive Director	8/2/18
2	Boone HS	Air monitoring and sampling in room 802 for select renovation, upgrade and replacement of expired systems, capital renewal project.	EE&G Environmental Services, LLC	Amendment No. 02 to Work Authorization No. 1209141 for Environmental Consulting Services RFQ No. 1209PS	\$2,318	Sr. Facilities Executive Director	8/2/18
3	Deerwood ES Replacement	Design services to convert existing prototype interior lighting to light-emitting diode for new school replacement project. (Est. Constr. Cost \$118,000.00)	Schenkel & Shultz, Inc.	Amendment No. 01 to Agreement No. 17RU09SCONSCHENKEL for Architectural & Engineering Services RFQ No. 17RU09	\$6,671	Sr. Facilities Executive Director	8/30/18
4	District-Wide	Staffing plan modifications from 01/01/2018 through 12/31/2018 to fill vacant position for program management contract.	Cost Management, Inc. d/b/a CMI	Amendment No. 16 to Agreement No. 15PM21CONCMI for Program Management Support Services RFQ No. 15PM21	\$0	Sr. Facilities Executive Director	8/2/18
5	Elementary School Site 25-E-SW-4	Additional services for gopher tortoises relocation for new school relief project.	Terracon Consultants, Inc.	Amendment No. 02 to Work Authorization No. 1517059 for Geotechnical & Environmental Services RFQ No. 1517PS	\$19,635	Sr. Facilities Executive Director	8/30/18
6	High School Site 113- H-W-4	Phase 1 and 2 environmental site assessment, endangered species and wetland delineation evaluation for real property project.	Terracon Consultants, Inc.	Amendment No. 01 to Work Authorization No. 0803332 for Geotechnical & Environmental Services RFQ No. 0803PS	\$22,094	Sr. Facilities Executive Director	8/2/18
7	High School Site 113- H-W-4	Additional traffic and pedestrian study for real property project	AVCON, Inc.	Amendment No. 01 to Work Authorization No. 1515152 for Civil Engineering Services RFQ No. 1515PS	\$13,832	Sr. Facilities Executive Director	8/23/18

Facilities & Construction Contracting

COVE Report for August 2018

CONTRACTS AMENDED							
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	AMENDMENT	APPROVAL REQUIRED	CPSC DATE
8	High School Site 119- H-SE-3	Additional traffic and pedestrian study for real property project.	AVCON, Inc.	Amendment No. 01 to Work Authorization No. 1515153 for Civil Engineering Services RFQ No. 1515PS	\$13,832	Sr. Facilities Executive Director	8/23/18
9	Northlake Park Community ES	Design services for HVAC system replacement and upgrade, capital renewal project. (Est. Constr. Cost \$900,810.00)	Matern Professional Engineering, Inc.	Amendment No. 01 to Work Authorization No. 1514004 for Mechanical, Electrical & Plumbing Engineering Services RFQ No. 1514PS	\$14,970	Sr. Facilities Executive Director	8/2/18
10	Odyssey MS	Design services modify construction documents to reduce scope of work for select site and building systems renovations, capital renewal project (Est. Const. cost will be provided with reconciliation of DCD).	KBJ-L&B Architects, LLC	DCD No. 01 to Agreement No. 1520SCONKBJ for Architectural & Engineering Services RFQ No. 1520PS	\$18,217	Sr. Facilities Executive Director	8/2/18
11	Olympia HS	Additional design services to revise construction document to add Bi-Polar Ionization and to delete previous identified scope no longer required for building systems, capital renewal project (Additional design will result to a reduction in the overall estimated construction cost to be determined upon completion of design.)	Borrelli + Partners, Inc.	Amendment No. 04 to Agreement No. 1410SCON002BORRELLI for Architectural & Engineering Services RFQ No. 1410PS	\$49,822	Board / John T. Morris, Chief Facilities Officer	8/23/18

Facilities & Construction Contracting

COVE Report for August 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	Colonial HS	Concrete design revisions, storm drains reconfiguration, and concrete increase demolition and related material due concrete aging and unsuitable soil for demolition and construction of new athletic track, select site renovations, capital renewal project	Gilbane Building Company	Agreement No. 14CM17SCON001GILBANE for Construction Management Services RFQ No. 14CM17	CCD No. 02 to GMP AM 01	\$39,813	John T. Morris, Chief Facilities Officer	8/16/18
2	Hillcrest ES	Cost associated with reconfiguring sidewalks, grade adjustments for compliant slopes, handrails, newly installed sidewalk replacement on Concord Street and Mount Vernon Street per the City of Orlando request, and fourteen (14) days time extension for comprehensive project.	Wharton-Smith, Inc.	Agreement No. 16CM12SCONWHARTON for Construction Management Services RFQ No. 16CM12	CCD No. 06 to GMP AM 01	\$27,065	Sr. Facilities Executive Director	8/23/18
3	K-8 School Site 208-K8- SE-3	GMP reconciliation for early demolition package for existing school campus buildings and adjacent church buildings acquisition for prototype new school replacement project.	Williams Company Building Division, Inc.	Agreement No. 16CM27SCONWILLIAMS for Construction Management Services RFQ No. 16CM27	Change Order No. 01 to GMP AM 01	(\$30,586)	Behalf of John T. Morris, Chief Facilities Officer	8/30/18
4	K-8 School Site 208-K8- SE-3	Additional landscaping and irrigation on the south and east side of the school to act as buffering for the adjacent residential neighborhood for prototype new school replacement project.	Williams Company Building Division, Inc.	Agreement No. 16CM27SCONWILLIAMS for Construction Management Services RFQ No. 16CM27	Change Order No. 02 to GMP AM 02	\$27,968	Sr. Facilities Executive Director	8/23/18
5	Liberty MS	Reconciliation of CCD 04 (\$16,520.00) for hardware and installation of three (3) new doors and eight (8) existing doors for existing school buildings renovation, capital renewal project.	Welbro Building Corporation, Inc.	Agreement No. 14CM03SCONWELBRO for Construction Management Services RFQ No. 14CM03	Change Order No. 10 to GMP AM 03	\$16,299	Sr. Facilities Executive Director	8/16/18

Facilities & Construction Contracting

COVE Report for August 2018

CHANGE ORDERS APPROVED								
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	DOC #	C.O. AMOUNT	APPROVAL REQUIRED	CPSC DATE
6	Liberty MS	Reconciliation of CCD 03 (\$18,700.00) for repair of aluminum windows for existing school buildings renovation, capital renewal project.	Welbro Building Corporation, Inc.	Agreement No. 14CM03SCONWELBRO for Construction Management Services RFQ No. 14CM03	Change Order No. 08 to GMP AM 03	\$18,700	John T. Morris, Chief Facilities Officer	8/16/18
7	Liberty MS	Reconciliation of CCD No. 01 (\$181,606.00) for one hour fire-rated partitions around three (3) science laboratories to comply with building and fire code for existing school building renovation, capital renewal project.	Welbro Building Corporation, Inc.	Agreement No. 14CM03SCONWELBRO for Construction Management Services RFQ No. 14CM03	Change Order No. 09 to GMP AM 03	\$181,606	Superintendent / John T. Morris, Chief Facilities Officer	8/2/18
TRANSACTIONAL CHANGE ORDERS								
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	DOC #	C.O. AMOUNT	APPROVAL REQUIRED	CPSC DATE
8	Colonial HS	Estimated ODP for auditorium building and demolition of music building on-site replacement project.	Gilbane Building Company	Agreement No. 17CM18SCONGILBANE for Construction Management Services RFQ No. 17CM18	Change Order No. 01 to GMP AM 02	(\$3,444,193)	John T. Morris, Chief Facilities Officer	8/9/18
9	Lake George ES	Estimated ODP for comprehensive needs project.	Core Construction Services of Florida, LLC	Agreement No. 17CM05SCON001CORE for Construction Management Services RFQ No. 17CM05	Change Order No. 01 to GMP AM 01	(\$2,174,772)	Behalf of John T. Morris, Chief Facilities Officer	8/2/18
10	Sunrise ES	Estimated ODP for comprehensive needs project.	Core Construction Services of Florida, LLC	Agreement No. 17CM05SCON002CORE for Construction Management Services RFQ No. 17CM05	Change Order No. 01 to GMP AM 01	(\$2,196,632)	Behalf of John T. Morris, Chief Facilities Officer	8/2/18
11	Timber Creek HS	Estimated ODP for select renovation of existing building system, capital renewal project.	Gilbane Building Company	Agreement No. 14CM17SCON003GILBANE for Construction Management Services RFQ No. 14CM17	Change Order No. 01 to GMP AM 01	(\$2,625,953)	Behalf of John T. Morris, Chief Facilities Officer	8/2/18

*Not Funded by Sales Tax or Capital Renewal

**OCPS FACILITIES & CONSTRUCTION CONTRACTING
RFQs in Progress: SEPTEMBER 2018**

No.	Contract Description	Pre Submittal Meeting	Open Date	Shortlist Meeting	Interview Meeting	Board / CFO Date	Construction Cost	Status
RFQ 18CM12	CM Services for Acceleration East Capital Renewal Project	6/13/2018	7/10/2018	7/31/2018	8/14/2018	9/11/2018	\$2,429,000.00	On-Going
RFQ 1815PS	A/E Services for Acceleration West Comprehensive Project	7/12/2018	7/25/2018	8/8/2018	8/21/2018	9/11/2018	\$8,545,000.00	On-Going
RFQ 1816PS	A/E Services for Hungerford ES Building 8 Renovation Project	7/12/2018	7/31/2018	8/10/2018	8/23/2018	9/11/2018	\$3,500,000.00	On-Going
RFQ 18CM17	CM Services for Site 85-E-W-4 New ES Relief Project	7/26/2018	8/8/2018	8/16/2018	8/28/2018	9/11/2018	\$17,000,000.00	On-Going
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

Plan Year(s) Filter: FY13 - FY19
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																
																		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)											
CAPITAL RENEWAL BUDGET																																									
BOARD APPROVED BUDGET																		304,828,376			377,128,376																				
PLANNING PHASE																																									
College Park MS	10-Yr	NE	N0075.1	Sm	G5		✓												140,000	-	140,000	140,000	125,000	-	-	-	-														
Freedom HS	15-Yr	SS	N0096.0	Int	G4					✓	✓	✓	✓						266,400	-	266,400	2,220,000	1,600,000	-	-	-	-														
Glenridge MS	15-Yr	NE	N0088.0	Int	G4	✓				✓	✓	✓	✓						360,948	51,948	309,000	2,575,000	1,800,000	-	-	-	-														
Howard MS	17-Yr	SS	N0089.0	Lg	G3	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓		1,284,000	-	1,284,000	10,700,000	8,200,000	-	-	-	-														
Lakeville ES	20-Yr	NW	N0068.0	Lg	G5	✓				✓	✓				✓				555,744	43,344	512,400	4,270,000	3,000,000	-	-	-	-														
Lawton Chiles ES	19-Yr	NE	N0060.1	Int	G3										✓				440,000	360,418	79,582	440,000	-	-	-	-															
Rosemont ES	18-Yr	NW	N0090.0	Int	G5	✓							✓	✓	✓				252,000	-	252,000	2,100,000	1,600,000	-	-	-	-														
Southwood ES	21-Yr	SS	N0065.1	Int	G5										✓				410,000	-	410,000	410,000	-	-	-	-															
Thornbrooke ES	16-Yr	NW	N0091.0	Lg	G4	✓				✓	✓	✓	✓	✓					432,000	-	432,000	3,600,000	2,800,000	-	-	-	-														
Three Points ES	18-Yr	SS	N0092.0	Lg	G3	✓				✓	✓	✓	✓						360,000	-	360,000	3,000,000	2,300,000	-	-	-	-														
Winter Park HS	13-Yr	NE	N0093.0	Lg	G3					✓	✓	✓	✓						1,188,000	-	1,188,000	9,900,000	7,600,000	-	-	-	-														
Unplanned Small Projects (Note 2) 83 Sm Unplanned: 38 in FY19 and 45 in FY20																		5,700,000	-	5,700,000	12,450,000	10,375,000																			
SUBTOTAL - PLANNING 11 Projects (excludes unplanned Sm projects)																		11,389,092	455,710	10,933,382	51,805,000	39,400,000	-	-	-	-															
DESIGN / PRE-CONSTRUCTION PHASE																																									
Acceleration East	16-Yr	NE	N0084.0	Lg	G4		✓				✓								3,161,000	219,861	2,941,139	3,161,000	2,620,000	-	-	-	-														
Bonneville ES	17-Yr	NE	N0027.0	Lg	G4		✓				✓	✓							2,697,000	203,571	2,493,429	2,697,000	2,230,000	-	-	-	-														
Citrus ES	19-Yr	NW	N0057.1	Int	G3				✓		✓								385,000	-	385,000	385,000	350,000	-	-	-	-														
Colonial 9GC	18-Yr	NE	N0058.0	Lg	G4	✓	✓		✓	✓	✓		✓	✓					89,032	89,032	-	4,600,000	3,500,000	-	-	-	-														
Colonial HS	20-Yr	NE	N0035.0	Lg	G3		✓		✓	✓	✓	✓	✓	✓	✓				9,528,000	1,094,935	8,433,065	9,528,000	6,850,000	-	-	-	-														
Discovery MS	22-Yr	NE	N0036.0	Lg	G5				✓		✓	✓	✓	✓					892,654	892,654	-	12,977,000	9,800,000	-	-	-	-														
Gotha MS	24-Yr	NW	N0032.0	Lg	G5				✓		✓	✓	✓	✓					10,888,000	773,460	10,114,540	10,888,000	8,639,811	-	-	-	-														
Jones HS	14-Yr	SS	N0059.2	Lg	G3	✓			✓	✓	✓	✓	✓	✓			✓		9,299,000	341,988	8,957,011	9,299,000	7,150,000	-	-	-	-														
Lawton Chiles ES	19-Yr	NE	N0060.0	Int	G3		✓		✓										2,402,000	198,202	2,203,798	2,402,000	1,975,000	-	-	-	-														
Northlake Park ES	19-Yr	SS	N0078.0	Int	G3					✓									1,361,000	58,220	1,302,780	1,361,000	1,000,000	-	-	-	-														
Oakshire ES	19-Yr	SS	N0094.0	Lg	G3					✓									5,824,000	212,715	5,611,285	5,824,000	3,900,000	-	-	-	-														
Oakshire ES	19-Yr	SS	N0061.0	Int	G3		✓					✓	✓	✓	✓				267,000	266,130	870	267,000	-	-	-	-															
Ocoee MS	19-Yr	NW	N0026.0	Int	G3	✓	✓		✓	✓	✓	✓	✓	✓	✓				2,080,000	109,318	1,970,682	2,080,000	1,300,000	-	-	-	-														
Ocoee MS	19-Yr	NW	N0026.1	Lg	G3		✓		✓	✓	✓	✓							4,901,000	445,208	4,455,792	4,901,000	3,900,000	-	-	-	-														
Odyssey MS	18-Yr	NE	N0067.0	Lg	G3		✓			✓	✓		✓	✓					6,060,000	538,083	5,521,918	6,060,000	4,600,000	-	-	-	-														
Olympia HS	18-Yr	NW	N0033.2	Lg	G3		✓		✓	✓			✓	✓	✓				16,575,000	1,813,905	14,761,095	16,575,000	13,464,182	-	-	-	-														
Piedmont Lakes MS	25-Yr	NW	N0029.0	Sm	G5				✓		✓								625,000	166,409	458,591	625,000	130,129	-	-	-	-														
Pinewood ES	21-Yr	NW	N0095.0	Lg	G5					✓									5,791,000	213,625	5,577,375	5,791,000	3,900,910	-	-	-	-														
Pinewood ES	21-Yr	NW	N0062.0	Int	G5		✓						✓		✓				225,000	224,026	974	225,000	-	-	-	-															
Ridgewood Park ES	12-Yr	NW	N0063.0	Int	G4	✓			✓			✓			✓				924,000	174,737	749,263	924,000	620,000	-	-	-	-														
Riverdale ES	20-Yr	NE	N0064.0	Int	G5		✓			✓				✓	✓				1,693,000	176,260	1,516,740	1,693,000	1,200,000	-	-	-	-														
Southwood ES	21-Yr	SS	N0065.0	Int	G5		✓			✓	✓	✓							833,000	183,727	649,273	833,000	420,000	-	-	-	-														
Wolf Lake MS	12-Yr	NW	N0086.0	Int	G4					✓									2,275,000	178,349	2,096,651	2,275,000	1,750,000	-	-	-	-														
SUBTOTAL - DESIGN 23 Projects																		88,775,687	8,574,416	80,201,271	105,371,001	79,300,032	-	-	-	-															

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.

Plan Year(s) Filter: FY13 - FY19
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									
																		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		✓		✓	✓	✓	✓	✓	✓			✓	6,700,000	6,130,263	569,737	6,700,000	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		✓			✓	✓	✓	✓	✓				24,650,999	20,288,257	4,362,742	24,650,999	17,189,003	-	-	(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	02/18/19						
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						
Glenridge MS	15-Yr	NE	N0079.5	Sm	G4						✓							189,000	151,037	37,963	189,000	150,099	-	-	-	-	05/24/18A	12/28/18						
Lockhart MS	10-Yr	NW	N0129.0	Sm	G5						✓							219,700	168,723	50,977	219,700	168,723	-	-	-	-	06/14/18A	10/12/18						
Ridgewood Park ES	12-Yr	NW	N0063.2	Int	G4										✓			500,000	354,712	145,288	500,000	-	-	-	-	09/17/18A	09/28/18							
Riverdale ES	20-Yr	NE	N0064.1	Int	G5										✓			410,000	335,331	74,669	410,000	-	-	-	-	09/04/18A	09/28/18							
Timber Creek HS	19-Yr	NE	N0037.2	Lg	G3		✓		✓	✓				✓	✓	✓		16,958,000	14,901,050	2,056,951	16,958,000	13,982,080	-	-	(2,625,953)	1	07/05/18A	08/30/19						
SUBTOTAL - CONSTRUCTION																		53,764,699	46,128,079	7,636,620	53,764,699	40,357,900	(384,682)	3	(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	10/26/18					
Blankner K8	17-Yr	NE	N0023.1	Int	G4										✓			542,000	537,243	4,757	542,000	-	-	-	-	03/16/18A	04/02/18A	10/22/18						
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	12/18/18					
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	12/10/18					
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	11/13/18					
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	11/13/18					
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	11/13/18					
Lakeville ES	20-Yr	NW	N0068.1	Int	G5										✓			600,000	441,771	158,229	600,000	-	-	-	-	07/23/18A	08/03/18A	10/02/18						
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	11/13/18					
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	11/13/18					
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	11/13/18					
Rosemont ES	18-Yr	NW	N0090.1	Int	G5										✓			420,000	413,085	6,915	420,000	-	-	-	-	07/30/18A	08/10/18A	10/09/18						
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	12/05/18					
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	11/13/18					
SUBTOTAL - CLOSE-OUT																		25,643,000	23,570,824	2,072,176	25,643,000	19,552,435	210,910	16	(2,760,144)	10								
PREVIOUSLY COMPLETE																		37,655,047	35,292,803	2,362,245	37,655,047	34,317,274	1,348,805	23	(1,990,930)	17								
GRAND TOTAL																		\$ 217,227,525	\$ 114,021,832	\$ 103,205,694	\$ 274,238,747	\$ 212,927,641	\$ 1,175,033	42	\$ (10,866,437)	34								

Available Thru FY19 \$ 87,600,851

Available Thru FY20 \$ 102,889,629

Project Size Key

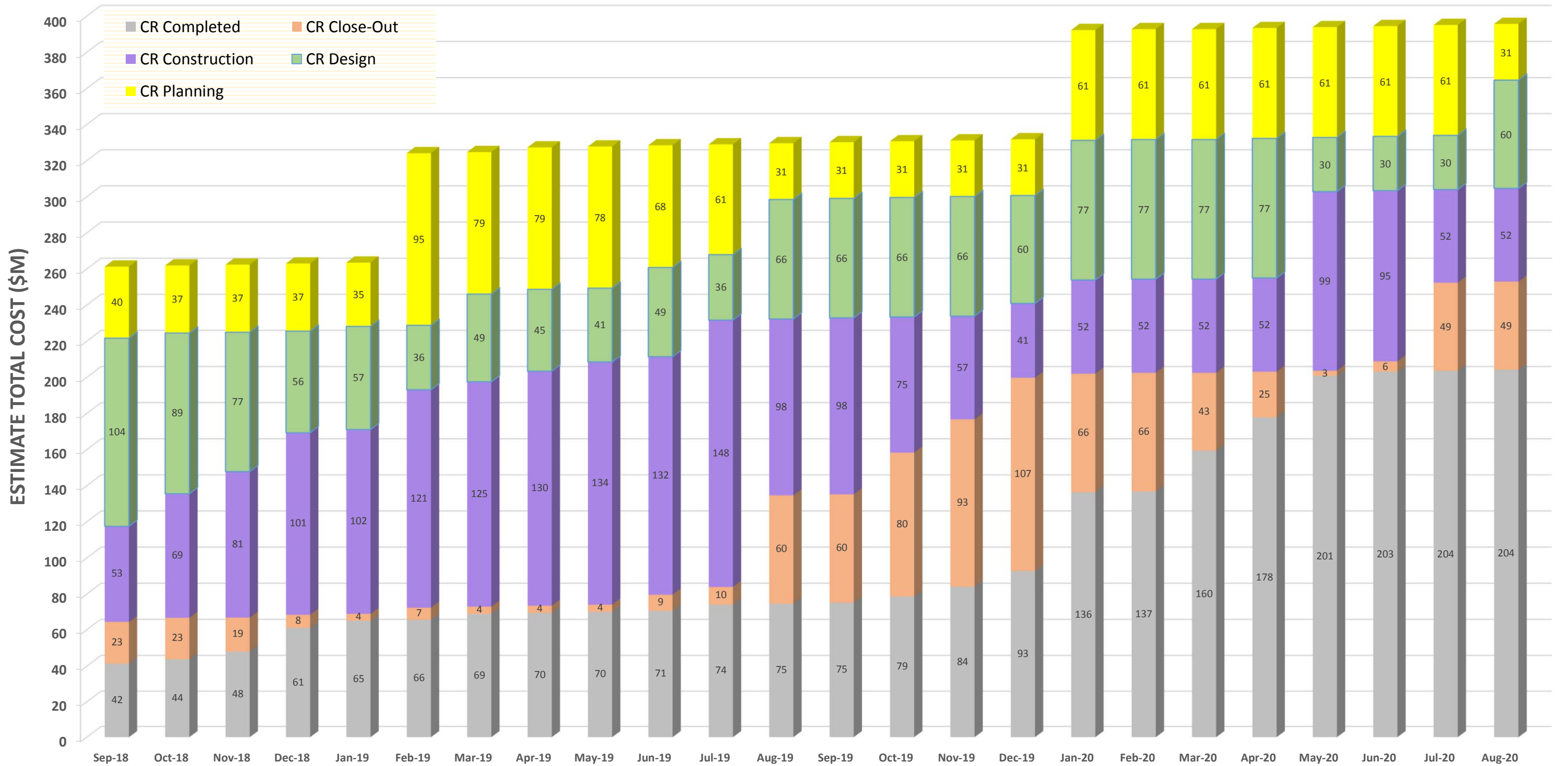
- Lg - Constr. Amount > \$2M
- Int - Constr. Amount > \$280K and < \$2M
- Sm - Constr. Amount < \$280K

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: 9/1/18 thru 8/31/20



Capital Renewal Update as of September 25, 2018

Capital Renewal Update:

There are 44 active projects (20 large, 20 intermediate, 4 small) currently in progress for improvements at 35 sites, with an estimated total cost of \$198.5M and construction cost of \$148.7M. These include 11 projects in planning, with an estimated total cost of \$39.4M; 23 projects in design, with an estimated total cost of \$105.4M; and 10 projects in construction, with an estimated total cost of \$53.8M.

A small intercom system replacement at Avalon Middle School and digital curriculum projects at Lakeville and Rosemont Elementary Schools were completed since the last update. Two other digital curriculum projects (Ridgewood Park and Riverdale Elementary Schools) 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. Negotiations are underway to finalize Guaranteed Maximum Price (GMP) agreements for campus-wide projects at Olympia High School, 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 October or November, 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 in December.

The large and intermediate projects scheduled to commence later in 2018 represent an additional \$37.9M of anticipated construction contract awards in 2018. This is slightly reduced from last month's update, primarily due to a decision terminate GMP negotiations on a campus-wide project at Lawton Chiles Elementary School due to performance issues with the assigned construction manager. Bidding and negotiations with a new construction manager will delay project commencement for the Lawton Chiles project until next spring.

Bidding will commence later in October 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 ten 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 \$41.4M of construction contract awards are anticipated through the summer of 2019.

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

Since the last update, the estimated funds required for completed and planned projects through the end of fiscal year 2019 decreased by \$25.6M. This reduction results from three primary factors. As mentioned during the last update, we have revised the scope of work for several projects over the past several months. In a few cases, the time required to negotiate design amendments and complete the design revisions will extend construction commencement for these projects to early next fiscal year. In another instance, the estimated construction cost for the revised scope of work moved the project from the intermediate to large category, requiring a professional service selection that will also result in a delay in the construction start to fiscal year 2020. Also since the last update, we have reconciled budgets for completed projects to reflect actual expenditures, reducing the anticipated requirements for previously completed projects by \$4.8M.

As a result of these adjustments, \$87.6M of capital renewal funds budgeted through FY 2019, and a total of \$102.9M currently budgeted through FY 2020, are available for new, unplanned requirements.

Capital Renewal Update as of September 25, 2018

Changes since 8/24/18

Planning

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

Design

- No Change

Construction

- Moved from Planning
 - o Ridgewood Park ES – N0063.2 Digital Curriculum (Cohort 7)
 - o Riverdale ES – N0064.1 Digital Curriculum (Cohort 7)
- Moved to Closeout
 - o Avalon MS – N0079.1 Replace Intercom
 - o Lakeville ES – N0068.1 Digital Curriculum (Cohort 6)
 - o Rosemont ES – N0090.1 Digital Curriculum (Cohort 6)

Close-Out

- Moved from Construction
 - o Avalon MS – N0079.1 Replace Intercom
 - o Lakeville ES – N0068.1 Digital Curriculum (Cohort 6)
 - o Rosemont ES – N0090.1 Digital Curriculum (Cohort 6)

Complete

- Moved from Close-Out
 - o Gotha MS – N0132.3 Chiller Renewal
 - o Millennia ES – N0131.3 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 September 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

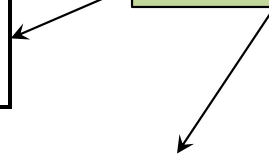
- NE - Northeast Maintenance Area
- NW - Northwest Maintenance Area
- SS - Super South Maintenance Area

Facilities Inventory - Group Structure

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

<ul style="list-style-type: none"> 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

<ul style="list-style-type: none"> 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

<ul style="list-style-type: none"> 9GC - 9th Grade Center; Grade 9 A - Actual (related to a date) Age (Wt'd) - weighted age of a campus Alt Ed - Alternative Education Bldg - Building CEP-E; Community Education Partners (Alt Ed) CEP-W; Community Education Partners (Alt Ed) CR - Capital Renewal Dr H'wre - Door Hardware Elec - Electrical ES - Elementary School; Grades PreK - 5 Est. - Estimated FY - Fiscal Year; July 1 through June 30 Gp - Group; organization of campus-wide facilities HS - High School; Grades 9 - 12 HVAC - Heating, Ventilating and Air Conditioning Int - Intermediate CR Project; \$280K to \$2M 	<ul style="list-style-type: none"> K - Thousands (number); Kindergarten (school) K8 - Grades K - 8 Lg - Large CR Project; over \$2M M - Millions Maint. Area - Maintenance Area MEP - Mechanical, Electrical and Plumbing MS - Middle School; Grades 6 - 8 NTP - Notice to Proceed ODP - Owner Direct Purchase R'newal - renewal of chiller SC - Substantial Completion Sm - Small CR Project; under \$280K Subst. Compl. - Substantial Completion TBD - To Be Determined Tech - Technology VFD - Variable Frequency Drive Yr - Year
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Capital Renewal Update as of September 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 September 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 September 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)

Lessons Learned

2018 Openings

Contracting

- Agreements
 - The CM at-risk contract language should be revised relating to the management of buyout savings. Buyout saving to revert back to the Owner's contingency.

Punch list

- After construction is complete, additional custodial staff should be available to prepare for school opening of NEW schools, for which have not had custodial previously assigned.
- The mechanical and controls subcontractors should be onsite for first day of school to immediately assist with any HVAC issues that may arise.

Construction

- Increase observation hours for geotechnical consultant to ensure that the site work preparation activities are compliant with the specification. (e.g. suitable fill under buildings, pavement, ponds, and playfields).
- Avoid changing IP addresses once they are issued to vendors. This causes system start up delays and requires extensive reprogramming, re-inspections, and additional cost.
- Contractor site access coordination with OCPS Security – too many false alarms being experienced due to contractors accessing sites unbeknownst to security personnel monitoring security systems.

Design

- Civil/Landscaping designs should provide appropriate access for OCPS Grounds to maintain swales (i.e. Timber Springs MS), ensure grades are not too steep, and sufficient space to allow for safe and practical mowing practices.
- Existing irrigation system site walk-throughs during design phase with stakeholder (Grounds) to understand as-built and current conditions, to avoid inaccurate assumptions.
- Review and analysis of existing sidewalks to remain to ensure in accordance with current codes; (i.e. Hillcrest ES).
- Incorporate ESE playground equipment at tot and youth lots @ ESE cluster schools.
- Double Spiral Ductwork should be added to design guidelines for gymnasiums for durability and aesthetics.
- Coordination with electrical utilities on exact access points of entry for equipment (transformers) and associated required clearances.

Scheduling

- The allotted time between presenting the GMP amendment to Doc Review and the issuance of the NTP should be increased.

General

- FF&E deliveries – Supplement resources to provide adequate labor needs to assemble, coordinate and place FF&E with minimal or no impact on the new school's incoming staff.
- Emergence Management Radio Enhancement System requirements – implementation of analysis of our new and existing facilities to ensure emergency radio transmitting and receiving are within acceptable standards with our local AHJs, and installation of an enhance radio system if portions of the schools buildings do not meet minimum standards.
- Bats – early analysis of existing facilities that are prone to bat occupancy. Bat exclusions (removal) cannot occur from April 16th to August 14th, (Maternity Season).
- OCPS Project signage – need to be incorporated into Pre-Construction services to ensure timely installs versus part of GMP, and installed well after construction has commenced.

