



COVE Meeting

CITIZENS' CONSTRUCTION OVERSIGHT AND VALUE ENGINEERING

October 15, 2015

COVE Meeting Agenda

Thursday, October 15, 2015 @ 8:00 a.m.
Facilities Services - Building 200
6501 Magic Way, Orlando, Florida 32809

I. Call to Order and Approval of September 2015 COVE Meeting Minutes - Ksenia Merck, Chairman ----- Pg. 1-4

- Chairman Comments

II. Presentations/Reports

- Traffic – Rick Baldocchi, P.E. – AVCON, INC.
- Community Communications Update - Lauren Roth

III. Departmental Reports

- Project Status - Jeff Hart ----- Pg. 5-10
- Change Order Reports - Roberto Pacheco ----- Pg. 11-16
- Capital Renewal Update - Mike Winter ----- Pg. 17-19

IV. Discussion and Adjournment

COVE Meeting Minutes

The Construction Oversight and Value Engineering Committee (COVE) monthly meeting convened on Thursday September 17, 2015 at 8:06 a.m., at Facilities Services, 6501 Magic Way, Bldg. 200, Orlando, Florida 32809.

COVE Members in Attendance: Ksenia Merck, Pat Knipe, James Knapp, Fred MacDonald, Ernesto Gonzalez-Chavez, and Stuart Kramer.

OCPS Staff in Attendance: Dr. Barbara Jenkins, Faz Ali, Regina Frazier-Thomas, Jeff Hart, John Morris, Lauren Roth, Mike Winter, Rocco Williams, Joycelyn Henson, Judith Padres, Patricia Hafer-Plunkett, Rick Collins, Eileen Fernandez, Toni Greene, Basem Ghneim and Arman Pourmirza (as scribe).

Call to Order:

A quorum was established and Chairman Ksenia Merck called the meeting to order at 8:06 a.m.

Approval of Minutes

Pat Knipe reiterated that he was present at the Last Cove Meeting as his name was not among the Attendees.

The minutes from June 25, 2015 were presented and approved unanimously by the Committee.

Chair Comments and Discussion Items

The August 13th Bus tour to visit newly constructed schools (Apopka ES and Independence ES) was discussed and highlighted positive.

The introduction of technology and its availability, budget and upgrade frequency throughout different schools and programs were discussed.

Departmental Reports

Finance Report - Rick Collins & Judith Padres

The sales tax collection report was presented. During the month of June the collection was below the forecast. It is believed this is an anomaly and it will not be a trend for the rest of the fiscal year, considering the economical and home prices growth.

Judith Padres continued the presentation emphasizing that the budget doesn't include the potential interest earnings. They continued the presentation by discussing

the funding sources from Sales Tax, Property Tax and Impact Fees. Dr. Jenkins added that OCPS has the highest financial rating in the State of Florida amongst the other counties.

Insurance Coverage Update – Patricia Hafer-Plunket

Total of \$100M coverage was presented as an existing over all insurance coverage. Rick Collins and Pat Hafer-Plunket further presented the different layers of coverage included in the insurance package.

The discussion continued as Pat Knipe further requested details on out of pocket premiums with the specific example of hurricane Charlie.

Pat Hafer-Plunkett and Rick Collins explained how FEMA has provided funds to recover some of the hurricane caused damages. Specifically the \$10M claim during the 2004-2005 year and FEMA's contribution of \$7M-\$8M was discussed.

Action Item

Pat Knipe requested information regarding the annual cost of this insurance coverage. The presenters will provide feedback on the subject.

Project Status - Regina Frazier-Thomas & Jeff Hart

A monthly status update for new/replacement and comprehensive projects as well as projects in close-out was presented.

Regina presented information on project budgets highlights. She further provided information on the naming of the New and Replacement schools. The New Projects will adopt a number instead of the name of the Area or neighborhood.

James Knapp asked about close out projects. Jeff explained on the difficulty of hard bid projects reaching the close out status. Jeff explained that one of the lessons learned last year was to start the design phase as early as possible.

Jeff Hart provided a monthly status update for new/replacement and comprehensive projects as well as projects in close-out. He mentioned that we continue with eight projects under construction amounting to just under \$200M.

Cypress Creek HS and Apopka ES are progressing well and will finish respectively with the later slightly ahead of schedule. Notice to proceed has been issued for Tangelo Park Elementary and Riverside ES. He further provided a brief status of all other schools in planning and design.

Pat Knipe presented a question on land acquiring status and John Morris elaborated on how OCPS is considering options to solicit the services of a real estate consultant.

Action Item

Fred McDonald requested a more extensive glossary of abbreviated terms that can help to understand the terms used in OCPS reports.

Lessons Learned - Jeff Hart

Jeff Hart provided an overview on the Lessons Learned section of the report which is referenced as a hand out.

M/WBE - Joycelyn Henson

A summary report indicated the percentage of contracts awarded to M/WBE. Also Aaron Smith was introduced as a new staff member.

Change Order Report - Ed Ames

It was reported that during the month of August 2015 there were no significant Change Orders. The 3rd and 4th quarter list of all change orders were included in the report along the list of all RFQs.

Capital Renewal Update - Mike Winter

An update on the Capital Renewal Program/Project Summary was provided. The report indicated the budget and schedule for each project under planning, design, and construction.

School Siting Ordinance - Jessma Lambert

An explanation on how OCPS staff have met with the Orange County governing body discussing the draft of the school siting ordinance. One of the items showing on the draft is the addition of standard K-8 school. She elaborated that K-8 school's size and design were not covered by the ordinance previously.

Site acreage has been set for elementary schools at 15 acres, middle schools at 25 acres and high schools at 65 acres. However the reduction factors will be considered on case by case basis. She further explained that parking structures should allow for the reduction of school's acreage.

The concept of Hearing Officer or a Magistrate review has been suggested by the OCPS to eliminate the special exception cases. Dr. Jenkins added how the county governing

staff and the OCPS staff have been working hand in hand and have been involved in planning of the projects. She highlighted the importance of avoiding conflicts between county staff and OCPS staff.

Chair suggested to keep this item on the agenda as to discuss more options and progress in site ordinance.

Community Communications - Lauren Roth

She presented the importance of community education using social media. She gave examples of her meetings, correspondence and communications with the members of the media and the public. She elaborated on the importance of keeping the website updated as well as our other social media site.

Adjournment

There being no further business the meeting was adjourned at 10:24 a.m.

The next meeting will be Thursday, October 15th, 2015, at 8 a.m., at Facilities Services, 6501 Magic Way, Bldg. 200, Orlando, FL 32809.

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 2, 2015

Priority #	School Name	F1 Original 2016 Board Adopted Budget	F2 Adopted Budget Changes	F3 Current Board Adopted Budget	Estimated Cost At Completion	Variance	GMP Amount *Early Site Package	F4 Construction Change Orders		F5 OCIP & ODP Change Orders		Approved Construction			F6 # of Days Past Substantial Completion (close-out)
								Amount	#	Deducts	#	NTP	Construct.	Contract Subst. Com	
Budget												Schedule			
PLANNING PHASE															
Relief	ES Site 84-E-W-4	18,700,000	-	18,700,000	18,700,000										
102	Rock Lake ES	17,000,000	-	17,000,000	17,000,000										
122	Meadow Woods ES	19,520,000	-	19,520,000	19,520,000										
Relief	ES Site 44-E-SE-2	18,720,000	-	18,720,000	18,720,000										
96	Oak Hill ES	16,820,000	-	16,820,000	16,820,000										
117	Ivey Lane ES	16,900,000	-	16,900,000	16,900,000										
94	Engelwood ES	19,100,000	-	19,100,000	19,100,000										
New	Pine Hills Transportation	27,197,864	-	27,197,864	27,197,864										
	Sub Total	153,957,864	-	153,957,864	153,957,864										
DESIGN PHASE															
Relief	MS Site 21-M-E-2	37,600,000	-	37,600,000	37,600,000										
Relief	HS Site 27-H-W-4	97,821,160	-	97,821,160	97,821,160										
Relief	MS Site 52-M-SE-2	36,771,000	-	36,771,000	36,771,000										
New	PS8 Site 131-PS8-SW-5	60,750,000	-	60,750,000	60,750,000										
New	K8 Site 133-K8-E-6	42,700,000	-	42,700,000	42,700,000										
90	Carver MS	37,800,000	-	37,800,000	37,800,000										
	Sub Total	313,442,160	-	313,442,160	313,442,160										
CONSTRUCTION PHASE															
New	K8 Site 2-K8-E-1	36,660,952	-	36,660,952	36,632,724	(28,228)	26,232,343	20,248	1	(6,558,086)	1	5/5/2015	6/30/2016		
Relief	ES Site 81-E-SW-5 HARDBID	16,300,000	-	16,300,000	16,265,055	(34,945)	12,849,000	-	0	(1,660,259)	1	7/9/2015	5/31/2016		
Relief	ES Site 117-E-SW-4	18,600,000	-	18,600,000	18,600,000		15,209,375	-	0	-	0	10/8/2015	7/18/2016		
82	Clay Springs ES Replacement	18,290,000	-	18,290,000	17,499,539	(790,461)	14,399,677	-	0	(4,000,000)	1	8/21/2014	11/3/2015		
91	Tangelo Park ES	17,400,000	-	17,400,000	17,399,506	(494)	13,337,328	-	0	(3,334,332)	1	7/1/2015	9/16/2016		
123	Ventura ES Replacement	25,600,000	-	25,600,000	25,600,000	-	* 1,169,470	-	0	-	0	10/8/2015	9/14/2016		
	Sub Total	132,850,952	-	132,850,952	131,996,824	(854,128)	82,027,723	20,248	1	(15,552,677)	4				
CLOSE OUT PHASE															
Relief	ES Site 41-E-SE-2 HARDBID	15,100,000	-	15,100,000	14,591,903	(508,097)	11,500,000	59,146	2	(3,224,183)	2	8/8/2014	6/23/2015		101
Relief	ES Site 63-E-W-4 HARDBID	15,350,000	-	15,350,000	14,623,172	(726,828)	11,450,000	37,136	1	(3,091,628)	2	8/8/2014	6/23/2015		101
81	John Young ES Replacement HARDBID	14,103,000	-	14,103,000	13,585,805	(517,195)	10,053,000	307,701	11	(3,222,765)	3	8/21/2013	11/18/2014		318
75	Lake Weston ES Replacement	16,519,000	-	16,519,000	15,695,223	(823,777)	12,377,841	(41,072)	2	(3,400,000)	2	8/21/2014	6/30/2015		94
84	Lovell ES Replacement HARDBID	16,323,000	-	16,323,000	14,577,742	(1,745,258)	11,420,000	51,089	0	(3,003,209)	2	8/8/2014	6/23/2015		101
73	Ocoee ES Replacement HARDBID	14,582,000	-	14,582,000	13,955,416	(626,584)	10,723,596	144,617	19	(2,908,389)	5	8/8/2013	11/7/2014		329
79	Pineloch ES Replacement HARDBID	14,862,837	-	14,862,837	13,796,452	(1,066,385)	10,738,647	53,135	13	(2,856,076)	5	8/8/2013	11/7/2014		329
66	Shingle Creek ES Replacement HARDBID	15,073,000	-	15,073,000	14,219,870	(853,130)	9,627,000	344,072	11	(3,234,151)	3	8/21/2013	8/8/2014		420
	Sub Total	121,912,837	-	121,912,837	115,045,583	(6,867,254)	87,890,084	955,824	59	(24,940,399)	24				
	Grand Total	722,163,813	-	722,163,813	714,442,431	(7,721,382)	169,917,807	976,072	60	(40,493,076)	28				

Footnotes

- F1 - Reflects figure from the 10yr Capital Budget dated September 15, 2015.
- F2 - Reflects changes to initial cost projection.
- F3 - Figure comprised of prior year expenditures, current and future planned funding (Adopted Summary Budget 2015-2016). There are no land costs included.
- F4 - Reflects total number of change orders and cumulative change order amount. Does not include OCIP and ODP deductive and reconciliation change orders.
- F5 - Reflects the total amount and number of OCIP and ODP deductive and reconciliation change orders to date.
- F6 - Reflects number of days beyond substantial completion. See justification below under Close Out Delays.
- F7 - Report reflects approved changes as of the date reflected.

Change Orders / Construction Change Directives

Close Out

Awaiting Audit:

Submitted for Audit:

Close Out Delays:

Shingle Creek ES - CFI delayed due to finalizing / processing Change Orders for this Hard Bid Project.

John Young ES - CFI delayed due to finalizing / processing Change Orders for this Hard Bid Project.

Ocoee ES - All Change Orders are executed as of 9/23/15. CFI is being prepared for submission to the next Board Meeting.

Pineloch ES - All Change Orders are executed as of 9/23/15. CFI is being prepared for submission to the next Board Meeting.





**PROJECT STATUS SUMMARY REPORT
COMPREHENSIVE SCHOOLS**

October 2, 2015

Priority #	School Name	F1	F2	F3	Est. Cost At Completion	Variance	GMP Amount * Early Site Package	F4		F5		Approved Construction			F6 Number of Days Past Substantial (Close-out)
		Original 2016 Board Adopted Budget	Adopted Budget Changes	Current Board Adopted Budget				Construction Change Orders	OCIP & ODP Change Orders	NTP Construct	Contract Subst. Com	Projected Completion			
		Budget						Schedule							
		Amount	#	Deduct	#										
PLANNING PHASE															
92	Dover Shores ES	21,220,000	-	21,220,000	21,220,000										
114	Mollie Ray ES	21,700,000		21,700,000	21,700,000										
	Sub Total	42,920,000	-	42,920,000	42,920,000	-	-	-	-						
DESIGN PHASE															
	Sub Total						-	-	-						
CONSTRUCTION PHASE															
85	Apopka ES Comp	15,754,000	-	15,754,000	14,955,181	(798,819)	11,548,918	22,954	2	(2,887,230)	2	08/08/2014	11/02/2015		
78	Cypress Creek HS Comp	58,885,000	-	58,885,000	58,849,357	(35,643)	41,999,829	424,355	11	(9,540,000)	4	11/19/2013	02/22/2016		
89	Dream Lake ES	18,100,000	-	18,100,000	18,096,840	(3,160)	13,714,939	-	0	-	0	8/17/2015	6/13/2016		
87	Lockhart ES	17,100,000	-	17,100,000	17,100,000	-	* 217,781	-	0	-	0	10/8/2015	6/30/2016		
88	Riverside ES	16,780,000	-	16,780,000	16,775,503	(4,497)	12,640,028	-	0	-	0	8/17/2015	11/2/2016		
	Sub Total	126,619,000	-	126,619,000	125,776,881	(842,119)	79,903,714	447,309	13	(12,427,230)	6				
CLOSE OUT PHASE															
58	Dr. Phillips HS Comp	66,620,000	-	66,620,000	66,620,000	-	48,709,730	1,043,593	49	(12,733,838)	4	09/19/2012	03/16/2015		200
71	Lake Silver ES Comp	15,360,000	-	15,360,000	15,111,323	(248,677)	11,000,440	243,002	8	(3,161,759)	2	06/05/2015	08/19/2015		44
80	Lake Whitney ES Comp	11,482,000	-	11,482,000	9,618,568	(1,863,432)	6,601,295	12,200	2	(1,225,878)	2	09/19/2014	08/22/2015		41
77	Waterford ES Comp	13,820,000	-	13,820,000	13,112,769	(707,231)	9,994,354	151,786	6	(2,404,107)	3	09/04/2013	07/29/2014		430
50	Westridge MS Comp (Phase 2)	32,092,000	-	32,092,000	31,409,415	(682,585)	19,760,238	(289,060)	9	(6,940,964)	7	03/06/2015	08/17/2015		46
	Sub Total	139,374,000	-	139,374,000	135,872,075	(3,501,925)	96,066,057	1,161,520	74	(26,466,547)	18				
	Grand Total	308,913,000	-	308,913,000	304,568,956	(4,344,044)	175,969,771	1,608,829	87	(38,893,776)	24				

Footnotes

- F1 - Reflects figure from the 10yr Capital Budget dated September 15, 2015.
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- F4 - Reflects total number of change orders and cumulative change order amount. Does not include OCIP and ODP deductive and reconciliation change orders.
- F5 - Reflects the total amount and number of OCIP and ODP deductive and reconciliation change orders to date.
- F6 - Reflects number of days beyond substantial completion. See justification below under Close Out Delays.
- F7 - Report reflects approved changes as of the date reflected.

Change Orders / Construction Change Directives

Westridge MS - Figures reflect Phase I and Phase II. Phase II is \$1.5M of the \$32M reflected.

Close Out

Awaiting Audit:
Submitted for Audit:
Close Out Delays:

Waterford ES - Punch List is complete as of early September. CFI is being prepared for submission to the next Board Meeting."

Construction Update as of October 6, 2015

We now have 11 **projects under construction** amounting to approx. **\$259.5M**.

5 – Comprehensive = \$126,619,000

- **Cypress Creek HS** - (Comprehensive Renovation) – NTP issued on November 19, 2013, Substantial Completion expected Feb 2016.
 - Phases 1 thru 3 involving a new classroom building, Central Energy Plant, and a softball field concession building, as well as, the renovations of the Gymnasium, Media Center, classroom buildings 700 (Science) & 800 (Art and ROTC), have all been completed.
 - Phase 4A - renovation of Building 200 – Auditorium commenced over Spring Break, and is scheduled to be substantially complete by Oct. 6th, 2015.
 - Phase 4B – renovation of the Cafeteria/Kitchen commenced on June 5th and was substantially completed on August 17th.
 - Phase 4C – renovations of classroom Building 600 and Administration Building 100 commenced on June 15th and is scheduled to be substantially complete by Dec. 15, 2015.

- **Apopka ES** - (Comprehensive Renovation) – NTP was issued August 8th, 2014, and its initial phase involving the replacement of the core facilities and classrooms was substantially completed on June 30th, 2015, and the renovation of an existing classroom building, parent car and bus loops were substantially completed by August 18th, and the final phase involving the remainder of the play fields is scheduled to be complete Nov. 2nd, 2015.

- **Riverside ES**- (Comprehensive Renovation) – NTP was issued August 17th, 2015, and the initial phase involving the replacement of the core facilities and classrooms is scheduled to be substantially complete on June 23rd, 2016. The balance of the project, involving the renovation of an existing classroom building is to be completed by August 2nd, 2016, and the demolition of the existing buildings and site amenities are scheduled to be completed by November 2nd, 2016.

- **Dream Lake ES**- (Comprehensive Renovation) – NTP was issued August 17th, 2015, and involves the replacement of the core facilities and classrooms, while refurbishing two existing classroom buildings. Overall substantial completion is scheduled for June 23rd, 2016. Due to the required scope of work and site parameters, school functions needed to be relocated off-site; therefore, the school has been swung to the Apopka 9th grade Center.

- **Lockhart ES** - (Comprehensive Renovation) – Early phase NTP was issued on July 16th, 2015 for the demolition of selected buildings, and was completed on August 27th, 2015. The main building phase NTP involving the partial replacement of the core facilities and classrooms, along with the renovation of existing buildings to remain is scheduled to be issued this week, and is to be substantially complete by June 30th, 2016.

And,

6 - New/Replacements = \$132,850,952

- **Clay Springs ES** - (Replacement) - NTP was issued on August 21st, 2014, and the initial substantial completion providing a new replacement facility was accomplished on July 8th, 2015 and the parent drop-off and parking areas were completed on August 18th, 2015. The balance of the project accounting for the demo of the existing facility and for the provision of the playfields is scheduled to be substantially completed by November 3, 2015.
- **Site 2-K8-E-1** (Wedgfield Area Relief) – NTP was issued on May 5th, 2015, and the substantial completion is scheduled for June 30th, 2016.
- **Tangelo Park ES** (Replacement) – NTP was issued on July 1st, 2015, and the initial substantial completion involving new core area and classroom facilities is scheduled for May 13, 2016. The bus loop area is to occur over the summer, and the final phase involving the balance of the existing building demo and site work is schedule for September 16, 2016.
- **Site 81-E-SW-5** (Millenia Area Relief) – NTP was issued on July 9th, 2015 for this hard bid project, and the substantial completion is scheduled for May 31, 2016.
- **Site 117-E-SW-4** (Summerlake area Relief) - NTP was issued on October 1st, 2015, and the substantial completion is scheduled for July 18, 2016.
- **Ventura ES** (Replacement)- Early phase NTP was issued on October 1st, 2015 for the placement of a temporary parent drop-off/pick-up drive and parking area, as well as, for the demolition of selected buildings, and is to be completed by November 23rd, 2015. The main building phase NTP involving the replacement of the core facilities and classrooms is scheduled to be issued late October, and is to be substantially complete by July 15th, 2016.

Since our report in September:

- **Site 117-E-SW-4** (Summerlake area relief) – a NTP was issued for the new relief elementary school campus on October 1st.
- **Ventura ES** – a NTP for the early site package was issued on October 1st.

Anticipated future milestones:

- **Lockhart ES** – NTP for the comprehensive renovation of the remaining buildings and new facilities is scheduled for the week of October 5th, 2015.
- **Ventura ES** – NTP for the replacement of the core and classroom facilities is scheduled to be issued October 22nd, 2015.
- **Apopka ES** – final phase accounting for the development of the remaining playfields is scheduled to be substantially completed by November 2, 2015.
- **Clay Springs ES** – final phase addressing the expansion of the retention areas and playfields is scheduled to be completed by November 3, 2015.
- **Cypress Creek HS** - Phase 4A - renovation of the Auditorium building is scheduled for October 6, 2015, and phase 4C - renovation of Classroom building 600, and the renovation and expansion of the Administration building is scheduled to be completed by December 15, 2015.

For:

Close-out

- We currently have 13 projects in close-out;
 - **Waterford ES** (Comprehensive) - Substantial Completion was achieved on July 29th, 2014. CFI has been received, and is scheduled to be presented to the Board late October/early November.
 - **Shingle Creek ES** (Replacement) - Substantial Completion was achieved on August 8th, 2014. Final change order negotiations were just concluded, and are being processed. Anticipate CFI to the Board in November.

- **Ocoee ES** (Replacement) - achieved its 2nd phase and a final substantial completion on Nov. 7, 2014. Final change orders have been agreed to and are being processed. Anticipate CFI to the Board Late October/Early November.
- **Pineloch ES** (Replacement) - achieved its 2nd phase and a final substantial completion on Nov. 7, 2014. Final change orders have been agreed to and are being processed. Anticipate CFI to the Board Late October/Early November.
- **John Young ES** (Replacement) - achieved its 2nd phase and a final substantial completion on Nov. 18, 2014. Final change order negotiations were just concluded, and are being processed. Anticipate CFI to the Board in November.
- **Lovell ES** - (Replacement) – substantial completion was achieved on June 29, 2015.
- **Independence ES** – (Relief) - substantial completion was achieved on July 27, 2015.
- **Lake Weston ES** - (Replacement) - substantial completion was achieved on July 8, 2015.
- **Dr. Phillips HS** - (Comprehensive Renovation) - final substantial completion was achieved on June 11th, 2015.
- **Eagle Creek ES** - (Relief) – achieved substantial completion on August 4th, 2015.
- **Lake Whitney ES** - (Comprehensive Renovation) - final substantially was achieved on August 22nd, 2015.
- **Westridge MS – (Phase 2)** - Final phase was substantially completed on August 17th, 2015.
- **Lake Silver ES** - (Comprehensive Renovation) - subsequent additional site scope was completed on August 19th, 2015.

New projects currently bidding -

- **Avalon Area MS** (Site 21-M-E-2) – site redesign modifications were completed and resubmitted to the Board of County Commissioners (BCC) for review and were approved accordingly on October 6th, 2015. Construction NTP is slated for January 2016, and completion for May 31st, 2017.
- **Site 27-H-W-4** (West Orange Relief) – early site package has been advertised with bids due October 6th.
- **Carver MS** (Replacement) – phased replacement package has been advertised and is scheduled to receive bids on October 22nd.

Change Orders Report

Facilities & Construction Contracting
September 2015

There are no significant change orders or amendments to report for the month of September 2015.

OCPS FACILITIES & CONSTRUCTION CONTRACTING
RFQs in Progress: September 2015

No.	Contract Description	Pre Submittal Meeting	Open Date	Shortlist Meeting	Interview Meeting	Board / CFO Date	Construction Cost	Status
RFQ 1518PS	A/E Services for Mollie Ray Elementary School Comprehensive Renovation Project	9/10/2015	9/29/2015	10/9/2015	10/23/2015	11/10/2015	\$15,800,000.00	On-Hold
RFQ 15CM19	CM Services for Engelwood, Dover Shores ES and Jackson MS Track Comprehensive Project	9/22/2015	10/13/2015	10/27/2015	11/12/2015	12/8/2015	\$31,500,000.00	On-Going
RFQ 1520PS	A/E Services for Odyssey MS Capital Renewal Project	9/29/2015	10/20/2015	10/29/2015	11/10/2015	12/8/2015	\$5,300,000.00	On-Going
RFQ 15PM21	Program Management for Project Control Services	10/6/2015	10/27/2015	11/4/2015	11/17/2015	12/8/2015	N/A	On-Going
RFQ 15CM22	CM Services for New/Comprehensive Renovation Project (TBD) for Mollie Ray ES	10/1/2015	10/22/2015	11/6/2015	11/20/2015	12/8/2015	\$15,800,000.00	On-Going

August Change Order and Amendment Report

IV. CHANGE ORDERS APPROVED								
ITEM NO:	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	DOC #	C.O. AMOUNT	APPROVAL REQUIRED	APPROVAL DATE
1	Apopka ES	Furnishing and installing six (6) emergency light fixtures inside building 600 and two (2) days time extension for Phase 2 (Building 600 Renovations) for comprehensive project.	Welbro Building Corporation, Inc.	Agreement No. 13CM11SCONWELBRO for Construction Management Services RFQ No. 13CM11	CCD No. 02 to GMP No. 01	\$484	Sr. Director, Construction	8/12/15
2	Apopka ES	Furnishing and installation of framing, lath, and stucco at canopy connection and seven (7) days time extension for Phase 2 - Renovations of Building 6.	Welbro Building Corporation, Inc.	Agreement No. 13CM11SCONWELBRO for Construction Management Services RFQ No. 13CM11	CCD No. 01 to GMP No. 01	\$5,872	Sr. Director, Construction	8/4/15
3	Dr. Phillips HS	Reconciliation of CCD 10: (\$101,977.54) and an increase of \$82,605.46 for furnishing and installing exterior insulation and finishing system (EIFS) repair work for the existing south campus buildings.	James A. Cummings, Inc., a Tutor Perini Company	Agreement No. 10CM18SCONJACUMMINGS for Construction Management Services RFQ No. 10CM18	Change Order No. 54 to GMP No. 01	\$184,583	Superintendent / John T. Morris, Chief Facilities Officer	8/18/15
4	Pineloch ES & Ocoee ES Replacements	Excavation, re-grading and compaction of the grassy area between the pavement edge of Lakewood Avenue and installation of new sidewalk including ground cover/landscape for Ocoee ES.	McCree Design Builders, Inc.	Agreement No. 13CC04MCCREE for Construction Services Bid No.13CC04	Change Order No. 41	\$9,640	Sr. Director, Construction	8/12/15
5	Pineloch ES & Ocoee ES Replacements	Demolishing or rebuilding the wall to resolve a conflict with second-floor restrooms 210H and 210E identified during core drilling for the water closet for Ocoee ES.	McCree Design Builders, Inc.	Agreement No. 13CC04MCCREE for Contractual Services Bid No. 13CC04	Change Order No. 40	\$5,496	Sr. Director, Construction	8/4/15

August Change Order and Amendment Report

IV. CHANGE ORDERS APPROVED								
ITEM NO:	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	DOC #	C.O. AMOUNT	APPROVAL REQUIRED	APPROVAL DATE
6	Pineloch ES & Ocoee ES Replacements	Cost associated with utility provider opening of the existing transformer to allow required secondary feeding to the amp disconnect serving the portable field at Ocoee ES.	McCree Design Builders, Inc.	Agreement No. 13CC04MCCREE for Contractual Services Bid No. 13CC04	Change Order No. 39	\$879	Sr. Director, Construction	8/4/15
7	Pineloch ES & Ocoee ES Replacements	Reimbursement for failed density test and re-inspections of the welds for Ocoee ES.	McCree Design Builders, Inc.	Agreement No. 13CC04MCCREE for Construction Services Bid No. 13CC04	Change Order No. 38	(\$2,906)	Sr. Director, Construction	8/4/15
8	Ronald Blocker Educational Leadership Center	Seventeen (17) days' time extension due to long lead items delays for boardroom renovation district capital project.	Clancy & Theys Construction Company	Work Authorization No. 12CM14032D for Construction Management Services RFQ No. 12CM14	Change Order No. 01	\$0	Sr. Facilities Manager, Capital Renewal & Portables	8/13/15
9	Ronald Blocker Educational Leadership Center	Change to increase purchase order to bring it to the original approved GMP amendment amount.	Clancy & Theys Construction Company	Agreement No. 14CM07SCONCLANCY for Construction Management Services FQ No. 14CM07	PO Change No. 01 to GMP No. 01	\$1,756	Facilities Director, Capital Renewal & Portables	1/29/15
TRANSACTIONAL CHANGE ORDERS								
10	Tangelo Park ES Replacement	Estimated ODP.	Clancy & Theys Construction Company	Agreement No. 14CM27SCONCLANCY for Construction Management Services RFQ No. 14CM27	Change Order No. 01 GMP No. 01	(\$3,334,332)	John T. Morris, Chief Facilities Officer	8/12/15
11	Windermere ES	GMP reconciliation and return of all unused project expenditure for life safety project.	R. L. Burns, Inc.	Work Authorization No. 12CM14018B for Construction Management Services RFQ No. 12CM14	Change Order No. 01	(\$23,245)	John T. Morris, Chief Facilities Officer	8/5/15

August Change Order and Amendment Report

II. CONTRACTS AMENDED							
ITEM NO.	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	AMENDMENT	APPROVAL REQUIRED	APPROVAL DATE
1	District-Wide	Modifications of staffing plan for period 12/9/13 to 8/31/15.	Cost Management, Inc. d/b/a CMI	Amendment No. 05 to Work Authorization No. 11PM12006 for Program Management Support Services RFQ No. 11PM12	\$0	Sr. Facilities Director, Planning & Design	8/14/15
2	District-Wide	Staffing schedule modification.	Borrelli + Partners, Inc.	Amendment No. 02 to Agreement No. 1301CCONBORRELLI for Architectural & Engineering Services RFQ No. 1301PS	\$0	Sr. Facilities Director, Planning & Design	8/11/15
3	District-Wide	Modification of staffing schedule.	Baker Barrios Architects, Inc.	Amendment No. 04 to Agreement No. 1301CCONBAKER for Architectural & Engineering Services RFQ No. 1301PS	\$0	Sr. Facilities Director, Planning & Design	8/17/15
4	High School Site 27-H-W-4	Environmental services to obtain dewatering permit from South Florida Water Management District for new relief schools project.	Terracon Consultants, Inc.	Amendment No. 01 to Work Authorization No. 0803403 for Geotechnical & Environmental Services RFQ No. 0803PS	\$5,600	Sr. Director, Construction	8/21/15
5	Middle School Site 21-M-E-2	Environmental services for Task C jurisdictional validation for new relief school project.	Terracon Consultants, Inc.	Amendment No. 02 to Work Authorization No. 0803354 for Geotechnical & Environmental Services RFQ No. 0803PS	\$4,775	Sr. Director, Construction	8/20/15

August Change Order and Amendment Report

II. CONTRACTS AMENDED							
ITEM NO.	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	AMENDMENT	APPROVAL REQUIRED	APPROVAL DATE
6	Tangelo Park ES Replacement	Additional design services to relocate the parent access driveway from Nectar Drive to the western edge of school property to Anzio Street to implement a new location of the main parent/parking access driveway. (Est. Constr. Cost \$50,000).	BRPH Architects-Engineers, Inc.	Amendment No. 02 to Agreement No. 14RU25SCONBRPH for Architectural & Engineering Services RFQ No. 14RU25	\$31,145	John T. Morris, Chief Facilities Officer	8/11/15

Orange County Public Schools
Capital Renewal Project Summary (see Note 1)

Updated: 10/6/15
FY2016

Plan Year(s) Filter: 2014 - 2016
Plan Group(s) Filter: G3,G4,G5

Location	Age (Wt'd)	Maint. Area	Project Number	Size	Gp	General Scope	Total Project Costs				Construction Cost					Construction Schedule								
							Program Budget	Committed to Date	Estimated Total Cost	Budget Variance	Construction Amount	Change Orders		ODP		NTP	Approved Construction		Days Past Subst. Compl. (close-out)					
												Base	Amount	#	Deducts		#	Planned		Substantial Completion Forecast/Actual	Closed			
CAPITAL RENEWAL BUDGET																								
BOARD APPROVED BUDGET FOR YEARS: FY2014 - FY2016							143,125,899																	
PLANNING PHASE																								
Apopka HS	7-Yr	NW	N0044	Int	G5	Reroof Softball Clubhouse/Concession	390,000	-	390,000	-	300,000	-	-	-	-	Jun-16	Jun-17	Jun-17						
Bonneville ES	13-Yr	NE	N0027	Int	G4	HVAC & Technology	2,397,074	-	2,397,074	-	1,689,270	-	-	-	-	Jun-16	Jan-17	Jan-17						
Colonial 9GC	17-Yr	NE	N0058	Lg	G4	Campus-Wide Capital Renewal	338,065	-	338,065	-	3,452,460	-	-	-	-	Oct-16	Aug-17	Aug-17						
Jones HS	12-Yr	SS	N0059.1	Lg	G3	Digital Curriculum - Cohort 3	3,898,471	-	3,898,471	-	3,248,726	-	-	-	-	Apr-16	Jul-16	Jul-16						
Jones HS	12-Yr	SS	N0059.2	Lg	G3	Envelope & HVAC	972,719	176,741	972,719	-	8,562,670	-	-	-	-	Aug-16	Aug-17	Aug-17						
Lakeville ES	17-Yr	NW	N0068	Int	G5	Site, HVAC, Technology	2,597,621	-	2,597,621	-	1,830,600	-	-	-	-	Jun-16	Feb-17	Feb-17						
Odyssey MS	15-Yr	NE	N0067	Lg	G3	Campus-Wide Capital Renewal	543,772	-	543,772	-	5,486,000	-	-	-	-	Feb-17	Aug-18	Aug-18						
Ridgewood Park ES	9-Yr	NW	N0063	Int	G4	Site, HVAC, Technology	2,111,083	-	2,111,083	-	1,623,910	-	-	-	-	Jun-16	Jan-17	Jan-17						
Southwood ES	18-Yr	SS	N0065	Int	G5	Exterior, MEP, Technology	1,293,208	123,816	1,293,208	-	917,820	-	-	-	-	Jun-16	Jan-17	Jan-17						
Winter Park HS	10-Yr	NE	N0066.1	Lg	G3	Capital Renewal Ph1 (Cohort 3)	4,854,412	-	4,854,412	-	4,045,343	-	-	-	-	Apr-16	Jul-16	Jul-16						
Winter Park HS	10-Yr	NE	N0066.2	Lg	G3	Site, MEP	904,800	-	904,800	-	8,700,000	-	-	-	-	Feb-17	Aug-18	Aug-18						
Various Small Projects (see Note 2)							34 Ea	Sm	Location / Scope: TBD	5,100,000	-	5,100,000	-	TBD	-	-	-	-	-	-	-	-	-	
SUBTOTAL - PLANNING (excludes 34 various Sm projects) 11 Projects							25,401,226	300,557	25,401,226	-	39,856,799	-	-	-	-	-								
DESIGN / PRE-CONSTRUCTION PHASE																								
Blankner K8	14-Yr	NE	N0023	Lg	G4	Site; Roofing; HVAC; Lights; Tech	7,178,405	128,391	7,178,405	-	5,521,850	-	-	-	-	May-16	Jan-17	Jan-17						
Boone HS	24-Yr	NE	N0031.1	Lg	G3	Capital Renewal Ph1 (Cohort 3)	4,915,091	-	4,915,091	-	4,095,909	-	-	-	-	Apr-16	Jul-16	Jul-16						
Boone HS	24-Yr	NE	N0031.2	Lg	G3	Campus-Wide Capital Renewal	1,781,185	-	1,781,185	-	15,355,040	-	-	-	-	Jul-16	Aug-17	Aug-17						
Citrus ES	16-Yr	NW	N0057	Int	G3	Campus-Wide Capital Renewal	2,102,957	121,163	2,102,957	-	1,617,659	-	-	-	-	Apr-16	Sep-16	Sep-16						
Colonial HS	17-Yr	NE	N0035	Lg	G3	Campus-Wide Capital Renewal	14,067,090	266,641	14,067,090	-	10,440,650	-	-	-	-	May-16	Aug-17	Aug-17						
Discovery MS	19-Yr	NE	N0036	Lg	G5	Campus-Wide Capital Renewal	735,658	179,499	735,658	-	5,966,640	-	-	-	-	Nov-16	Aug-17	Aug-17						
Gotha MS	21-Yr	NW	N0032	Lg	G5	Campus-Wide Capital Renewal	437,418	117,688	437,418	-	3,993,960	-	-	-	-	Nov-16	Aug-17	Aug-17						
Lakeview MS	19-Yr	NW	N0041.2	Int	G3	HVAC Controls, Campus-Wide	592,115	43,238	592,115	-	459,360	-	-	-	-	Jan-16	May-16	May-16						
Lawton Chiles ES	16-Yr	NE	N0060	Int	G3	Campus-Wide Capital Renewal	1,986,930	130,124	1,986,930	-	1,410,170	-	-	-	-	Mar-16	Sep-16	Sep-16						
Liberty MS	10-Yr	NE	N0022	Lg	G4	Campus-Wide Capital Renewal	8,424,986	706,348	8,424,986	-	7,235,460	-	-	-	-	Oct-15	Jun-16	Jun-16						
Oakshire ES	16-Yr	SS	N0061	Int	G3	Exterior, MEP, Technology	2,564,591	170,772	2,564,591	-	1,820,150	-	-	-	-	Mar-16	Aug-16	Aug-16						
Ocoee MS	16-Yr	NW	N0026	Lg	G3	Campus-Wide Capital Renewal	6,678,361	108,919	6,678,361	-	4,932,320	-	-	-	-	Jun-16	Aug-17	Aug-17						
Olympia HS	15-Yr	NW	N0033.1	Lg	G3	Capital Renewal Ph1 (Cohort 3)	5,038,993	-	5,038,993	-	4,199,161	-	-	-	-	Apr-16	Jul-16	Jul-16						
Olympia HS	15-Yr	NW	N0033.2	Lg	G3	Campus-Wide Capital Renewal	11,088,636	-	11,088,636	-	8,529,720	-	-	-	-	May-16	Aug-17	Aug-17						
Piedmont Lakes MS	22-Yr	NW	N0029	Lg	G5	Campus-Wide Capital Renewal	5,164,809	105,345	5,164,809	-	3,972,930	-	-	-	-	Jun-16	Aug-17	Aug-17						
Pinewood ES	18-Yr	NW	N0062	Int	G5	Exterior, MEP, Technology	2,448,903	171,338	2,448,903	-	1,870,820	-	-	-	-	Apr-16	Sep-16	Sep-16						
Riverdale ES	17-Yr	NE	N0064	Int	G5	Exterior, Life Safety	1,767,689	115,650	1,767,689	-	1,254,570	-	-	-	-	May-16	Jan-17	Jan-17						
Timber Creek HS	16-Yr	NE	N0037.1	Lg	G3	Capital Renewal Ph1 (Cohort 3)	5,040,554	-	5,040,554	-	4,200,462	-	-	-	-	Apr-16	Jul-16	Jul-16						
Timber Creek HS	16-Yr	NE	N0037.2	Lg	G3	Campus-Wide Capital Renewal	11,292,372	-	11,292,372	-	8,686,440	-	-	-	-	May-16	Aug-17	Aug-17						
SUBTOTAL - DESIGN 19 Projects							93,306,743	2,365,116	93,306,743	-	95,563,271	-	-	-	-									

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

Orange County Public Schools
Capital Renewal Project Summary (see Note 1)

Updated: 10/6/15
FY2016

Plan Year(s) Filter: 2014 - 2016
Plan Group(s) Filter: G3,G4,G5

Location	Age (Wt'd)	Maint. Area	Project Number	Size	Gp	General Scope	Total Project Costs				Construction Cost					Construction Schedule				Days Past Subst. Compl. (close-out)						
							Program Budget	Committed to Date	Estimated Total Cost	Budget Variance	Construction Amount	Change Orders		ODP		NTP	Approved Construction		Days Past Subst. Compl. (close-out)							
												Base	Amount	#	Deducts		#	Planned			Substantial Completion Forecast/Actual	Closed				
CONSTRUCTION PHASE																										
Chain of Lakes MS	17-Yr	NW	N0034	Int	G3	Roof, Interior; HVAC; Elec; Tech	2,354,926	1,883,382	2,354,926	-	1,682,090	(266,766)	1	15,218	6	06/11/15A	12/11/15	12/11/15								
Conway MS	6-Yr	SS	N0056.4	Sm	G5	Replace Chiller #2 & #3	312,515	240,396	312,515	-	240,396	-	-	-	-	08/05/15A	10/29/15	11/02/15								
Freedom MS	10-Yr	SS	N0056.9	Sm	G4	Chiller #2 R'newal	202,762	184,329	202,762	-	184,329	-	-	-	-	07/09/15A	10/06/15	10/06/15								
Howard MS	14-Yr	SS	N0056.7	Sm	G3	Replace HVAC Controls	154,453	118,810	154,453	-	118,810	-	-	-	-	04/23/15A	12/29/15	12/29/15								
Hunter's Creek MS	22-Yr	SS	N0073.1	Sm	G5	Technology - Café/Band/Coral/Gym	97,494	74,995	97,494	-	74,995	-	-	-	-	10/30/15	01/27/16	01/27/16								
Hunter's Creek MS	22-Yr	SS	N0042.3	Sm	G5	Technology - TV Studio	88,340	-	88,340	-	67,954	-	-	-	-	06/11/15A	09/08/15	09/08/15								
Legacy MS	10-Yr	NE	N0054.9	Sm	G4	Rebuild Chiller #1 & New VFD	202,762	184,329	202,762	-	184,329	-	-	-	-	06/12/15A	09/10/15	09/10/15								
Metrowest ES	8-Yr	NW	N0038	Int	G5	Site, Roofing, Dr H'wre, Cameras	1,849,791	1,059,360	1,849,791	-	1,574,960	(144,097)	3	-	-	06/02/15A	10/13/15	10/13/15								
South Creek MS	9-Yr	SS	N0056.8	Sm	G4	Rebuild Cooling Tower	97,500	73,111	97,500	-	75,000	-	-	-	-	08/03/15A	10/31/15	10/31/15								
SUBTOTAL - CONSTRUCTION							9 Projects	5,360,543	3,818,713	5,360,543	-	4,202,864	(410,863)	4	15,218	6										
CLOSE-OUT																										
Apopka HS	7-Yr	NW	N0025	Int	G5	HVAC/Elec Upgrade	724,563	781,682	724,563	-	556,500	(115,473)	1	6,678	7	05/27/15A	09/03/15	08/27/15A								
Apopka HS	7-Yr	NW	N0043	Sm	G5	Repave/Stripe Student Parking	176,951	166,585	176,951	-	160,864	-	-	-	-	06/12/15A	09/30/15	07/13/15A								
Glenridge MS	12-Yr	NE	N0054.7	Sm	G4	Chiller #2 R'newal	189,019	145,399	189,019	-	145,399	-	-	-	-	05/15/15A	07/13/15	09/21/15								
Howard MS	14-Yr	SS	N0056.5	Sm	G3	Chiller #1 R'newal	189,464	145,742	189,464	-	145,742	-	-	-	-	04/20/15A	04/08/15	09/01/15								
Hunter's Creek MS	22-Yr	SS	N0006	Int	G5	Chiller Replacement	1,320,771	945,723	1,320,771	-	1,200,701	(299,930)	2	340,833	3	07/15/14A	05/16/15	05/16/15A								
Lakeview MS	19-Yr	NW	N0041.1	Int	G3	Chiller Replacement	853,359	336,565	853,359	-	729,574	(389,550)	4	339,358	2	12/19/14A	05/15/15	06/02/15A								
Northlake Park ES	16-Yr	SS	N0007	Int	G3	HVAC - Chiller	894,000	588,589	894,000	-	750,000	(106,802)	3	208,924	2	07/15/14A	11/11/14	02/06/15A								
Palmetto ES	16-Yr	SS	N0008	Int	G3	HVAC - Chiller	803,627	605,793	803,627	-	618,174	(217,900)	2	12,381	3	07/15/14A	11/11/14	02/06/15A								
Positive Pathways	13-Yr	NW	n0040	Int	G4	Roof Replacement	969,570	840,472	969,570	-	823,764	20,328	1	-	-	06/05/14A	08/12/14	08/12/14A								
Riverdale ES	17-Yr	NE	N0054.2	Sm	G5	Fire Alarm Upgrade	80,705	62,081	80,705	-	62,081	-	-	-	-	12/15/14A	03/15/15	03/15/15A								
Winter Park HS	10-Yr	NE	N0054.5	Sm	G3	Chiller #1 R'newal	192,384	147,987	192,384	-	147,987	-	-	-	-	05/15/15A	07/14/15	08/15/15								
Winter Park HS	10-Yr	NE	N0054.8	Sm	G3	Chiller #3 R'newal	167,216	128,627	167,216	-	128,627	-	-	-	-	04/23/15A	06/22/15	07/15/15A								
SUBTOTAL - CLOSE-OUT							12 Projects	6,561,627	4,895,246	6,561,627	-	5,469,413	(1,109,328)	13	908,174	17										
COMPLETE																										
Howard MS	14-Yr	SS	N0056.3	Sm	G3	Cooling Tower Rebuild	301,008	310,158	301,008	-	231,545	-	-	-	-	07/29/15A	11/05/15	10/26/15	2/23/16	120-days						
Howard MS	14-Yr	SS	N0056.6	Sm	G3	Chiller #2 R'newal	189,464	145,742	189,464	-	145,742	-	-	-	-	05/04/15A	04/08/15	08/31/15	12/29/15	120-days						
Hunter's Creek MS	22-Yr	SS	N0042.1	Sm	G5	Mill, resurface, restripe track	83,557	64,275	83,557	-	64,275	-	-	-	-	05/11/15A	08/15/15	08/15/15A	12/13/15	120-days						
Ridgewood Park ES	9-Yr	NW	N0055.4	Sm	G4	Replace Chiller #1	159,568	145,062	159,568	-	145,062	-	-	-	-	05/04/15A	09/01/15	09/01/15	12/30/15	120-days						
PREVIOUSLY COMPLETED							45 Projects	7,665,988	6,562,995	7,665,988	-	6,696,365	(333,939)	11	(403,174)	15										
SUBTOTAL - COMPLETE							49 Projects	8,399,585	7,228,232	8,399,585	-	7,282,988	(333,939)	11	(403,174)	15										
GRAND TOTAL - CAPITAL RENEWAL PROJECTS							100 Projects	\$ 139,029,724	\$ 18,607,863	\$ 139,029,724	\$ -	\$ 152,375,335	\$ (1,854,129)	\$ 520,218												

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

Capital Renewal Update as of October 6, 2015

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

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	Sm - Small CR Project; under \$280K
Est. - Estimated	Subst. Compl. - Substantial Completion
FY - Fiscal Year; July 1 through June 30	TBD - To Be Determined
Gp - Group; organization of campus-wide facilities	Tech - Technology
HS - High School; Grades 9 - 12	VFD - Variable Frequency Drive
HVAC - Heating, Ventilating and Air Conditioning	Yr - Year
Int - Intermediate CR Project; \$280K to \$2M	

