

Orange County Public Schools



Facilities Board Update



March 16, 2017
Facilities Services



Meeting Agenda

Chief Facilities Officer, John Morris

- Introduction
- Unitary Status
- Proposed Future Facilities Use
- Next Steps

Senior Manager, Communications, Lauren Roth

- Web Site and Curb Appeal Program

Attorney and Executive Officer, Real Estate, Laura Kelly

- Site Acquisition/Surplus

Meeting Agenda

Director, Construction Planning, Jessma Lambert

- Planning Tools
- Advance Planning
- Statutory Requirements

Senior Facilities Executive Director, Jeff Hart

- 2017 Master Schedule
- 2018 and Beyond
- Contracted Professional Firms

Meeting Agenda

Senior Construction Director, K. Mike Winter

- Capital Renewal
- Digital Curriculum Program
- Districtwide Program
- Portables

Senior Facilities Director, Maintenance, Jim Surguine

- Maintenance/Grounds
- Energy Administration
- Custodial Pilot Program


Meeting Agenda

Program Management Team Manager, Basem Ghneim

- Accelerated Capital Projects Update
- FLDOE Cost per Student Station Update
- Capital Program Elements
- Facilities Condition Assessment Update
- Capital Program Timeline and Budget Update

Unitary Status Schools

No.	Name	Planned Year Opening
123	Ventura ES ***	2017
74	OCPS Academic Center for Excellence	2017
90	Carver MS	2017
102	Rock Lake ES	2017
94	Engelwood ES	2017
114	Mollie Ray ES	2017
96	Oak Hill ES	2017
117	Ivey Lane ES	2017
122	Meadow Woods ES ***	2017
92	Dover Shores ES	2018
93	Cypress Park ES	2018
127	Maxey ES	2018
95	Audubon Park ES *	2018
129	Hungerford ES	2018
98	Lake Como/ Kaley K8	2018
110	Washington Shores ELC **	
99	Hillcrest ES	2018
100	Corner Lake MS	2019

 Unitary Status School

* Priority 95 to be funded as Relief School 133-K8-E-6

** Priority 110 repurposed to Washington Shores ELC
(Formerly Richmond Heights ES)

*** Accelerated Project

Orange County Public Schools

Proposed Future Facilities Use

Priority No.	Facility	Year Available	Current Use	Potential Use
74	Grand Ave PLC	2017-18	Primary Learning Center	City of Orlando Property Exchange
101	Fern Creek ES	2018-19	Elementary School	Pre-K Center, Magnet Program, (Gifted ES)
104	Kaley ES	2019-20	Elementary School	Audiology Program Professional Development Center
109	Pine Castle ES	2019-20	Elementary School	Pre-K Center, ELL Support Center
112	Cherokee School	2019-20	Special School	Potential Gifted Secondary School ESE Administrative Office
115	Silver Star Center	Now	OCVS	Testing Center/OCVS
126	Clarcona ES	2018-19	Swing Site	Pre – K Center, ELL Support Center
127	Maxey ES	2018-19	Elementary School	Transportation/West Side Technical College
131	Gateway School	2019-20	Special School	Middle School Recovery Program

Communications Update

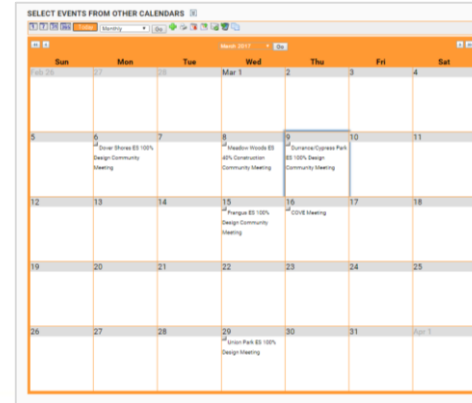
- Facilities Web Site
- Curb Appeal

Lauren Roth

Senior Manager, Facilities Communications

Facilities Web Site

- Pages updated and streamlined
- New site features calendar of upcoming events
- Community meeting invitations now accessible through calendar



Facilities Web Site


- New page: Your Tax Dollars at Work




Your Tax Dollars At Work

- › Class of 2018
- › Class of 2017
- › Class of 2016
- › Class of 2015
- › Class of 2014
- › Class of 2013
- › Class of 2012
- › Class of 2011
- › Class of 2010
- › Class of 2009
- › Class of 2008
- › Class of 2007
- › Class of 2006
- › Class of 2005
- › Class of 2004
- › Class of 2003
- › Class of 2002
- › Class of 2001
- › Class of 2000
- › Class of 1999

Your Tax Dollars At Work

Orange County Public Schools / Departments / Facilities / Your Tax Dollars At Work

**Facilities Services**
Orange County Public Schools



Washington Shores ES - Class of 2014

Clay Springs ES - Class of 2015

Riverside ES - Class of 2016

Orange County Public Schools has one of the largest and most successful construction programs in the United States. Since 2003, the district has opened 43 new schools to accommodate growth and relieve overcrowding. Through the 2016-17 school year, 101 schools have been replaced or renovated. The aggressive construction plan is possible thanks to the support of the community through the half-penny sales tax extended by voters in 2014, plus residential development impact fees.

Click on the links in the left column for information on the schools opened each year


Construction Videos

Facilities Construction Videos

News Releases

Click here to access News Releases

Facilities Highlights COVE Annual Report 2016-17



Sales Tax Results

All about the Half Penny Sales Tax

2003 Priority List


School Construction: Before and After Showcase of Schools

Facilities Web Site

- Intuitive layout with key information easier to find

On this page you will find information on schools currently being planned and designed, built, or recently completed. You may see photos of new and renovated schools completed since 1999 on our Construction Yearbook page.

For a full list of current projects by date, see the [Ten-Year Capital Project List 2016-17](#). For details on individual projects, scroll down.



OCPS Existing and Proposed Facilities 2016-17

Planning	Construction	Close-Out
Deerwood ES	Carver MS	Bay Lake ES
Lake Gem ES	Engelwood ES	Cypress Creek HS
Lake George ES	Ivey Lane ES	Dr. Phillips HS
Site 25-E-SW-4	Meadow Woods ES	Dream Lake ES
Site 37-M-SW-4 (Bridgewater Area)	Mollie Ray ES	Lake Weston ES
Site 72-E-W-7	NW Bus Compound	Lockhart ES
Sunrise ES	Oak Hill ES	Millennia Gardens ES
Design	Rock Lake ES	Riverside ES
Corner Lake MS	Site 21-M-E-2 (Avalon Park Area)	Wedgefield School
Cypress Park ES	Site 44-E-SE-2 (Lake Nona Area)	Tangelo Park ES
Dover Shores ES	Site 52-M-SE-2 (Lake Nona Area)	
	Site 84-E-W-4 (MetroWest)	
	Site 131-PS8-SW-5 (Downtown Area PS8)	

Curb Appeal

- Facilities will be heading up a new curb appeal effort
- Schools identified by board members will be targeted
- Goal is to help 21 schools improve their look
- Facilities will help find volunteers, supplies
- Improvements could include mulch, plants, new paint etc.



Site Acquisitions/Surplus

- Acquisitions
- Reservations
- Surplus Sites
- Facilities Use
- CEA/CMA

Laura Kelly

Attorney, Executive Officer Real Estate

REM Accomplishments in 2016

- Closed on over 129 acres of real property
 - 6 elementary school sites
 - 1 middle school site
 - 1 high school site
 - 1 K8 site
- Entered into agreements for the acquisition or reservation of over 290 acres of real property
 - 6 elementary school sites
 - 3 middle school sites
 - 2 high school sites
- Entered into 3,572 short-term facility use agreements
- Disposed of 1 acre of surplus property and entered into two other agreements for the disposition of 13.45 acres of surplus property

Acquisition of Sites

- The acquisition of sites typically occurs through a real estate purchase agreement
- Timeline for Acquisition of Sites
 - Prior to School Board Approval
 - Contract Negotiations: 3-12 months
 - Preliminary Due Diligence: 3-12 months
 - Subsequent to School Board Approval
 - Due Diligence Period: 3-4 months
 - Approval Period: 3-12 months
 - Closing Date: 4-13 months

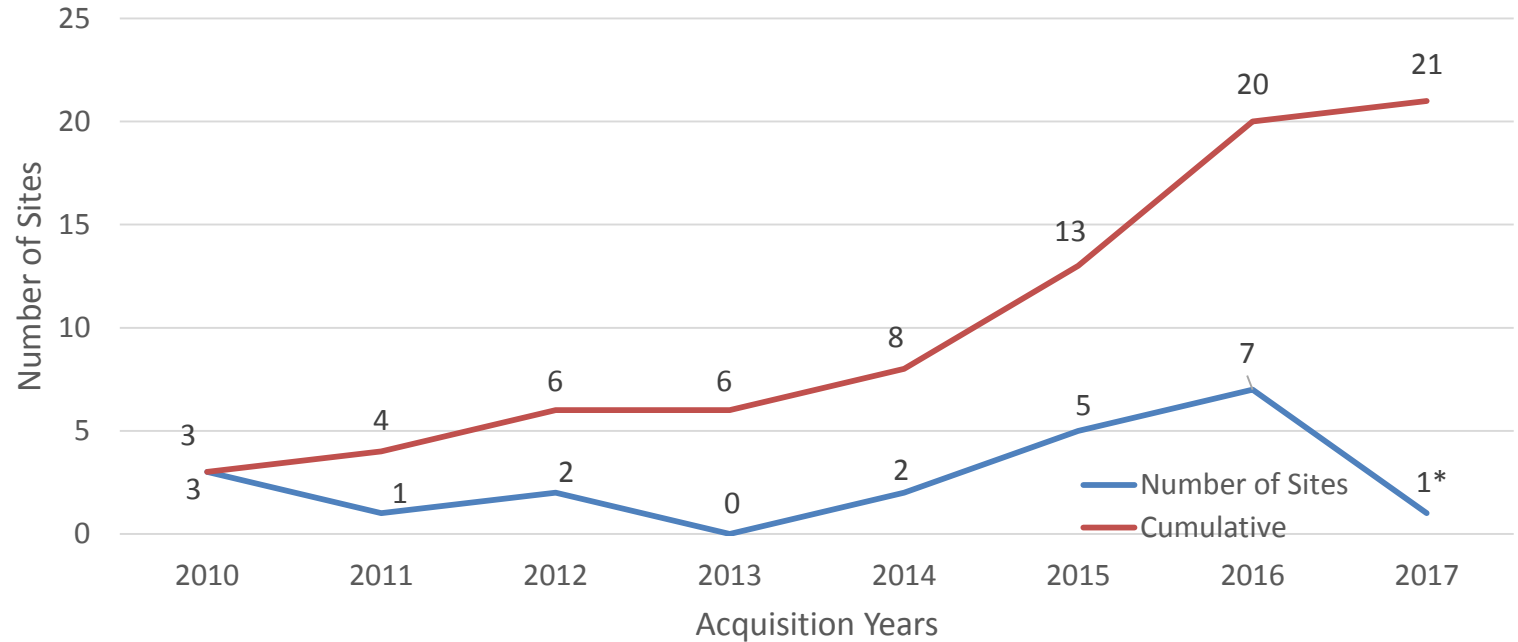
Reservation of Sites

- The reservation of sites typically occurs in a Capacity Enhancement Agreement whereby OCPS reserves the right to purchase a site in the future
- Timeline for Acquisition of Sites Through Reservation
 - Prior to School Board Approval
 - Contract/CEA Negotiations: 3-6 months
 - Preliminary Due Diligence: 3-6 months
 - Subsequent to School Board Approval
 - Due Diligence Period: 3-4 months or more
 - Closing Date: Dependent upon Trigger Notice

Site Acquisition Activity

5 YR PURCHASE				
Facility Name/ID Num	Year Acquired	Acreage	Entitlements	School Yr Opening
30-E-SE-3	2011	12.1		Outside 10 year CIP
Ocoee ES	2012	6.56		2014
Sun Blaze ES	2012	15		2013
Eagle Creek ES	2014	13.63		2015
Millennia Gardens ES	2014	12		2015
OCPS A.C.E.	2015	12.9		2017
Timber Springs MS	2015	11.4	X	2017
73-T-W-7	2015	37.5	X	Outside 10 year CIP
Bay Lake ES	2015	15.8	X	2017
37-M-SW-4	2015	25.6	X	2019
Innovation Park MS	2016	26	X	2017
Laureate Park ES	2016	13.1	X	2017
85-E-SW-4	2016	13.5	X	Outside 10 year CIP
204-E-N-7	2016	0.21	X	
Maxey ES	2016/2017	9.3	X	2018
80-H-SW-4	2016	50	X	2022
72-E-W-7	2016	13.5	X	2019

Site Acquisition Activity



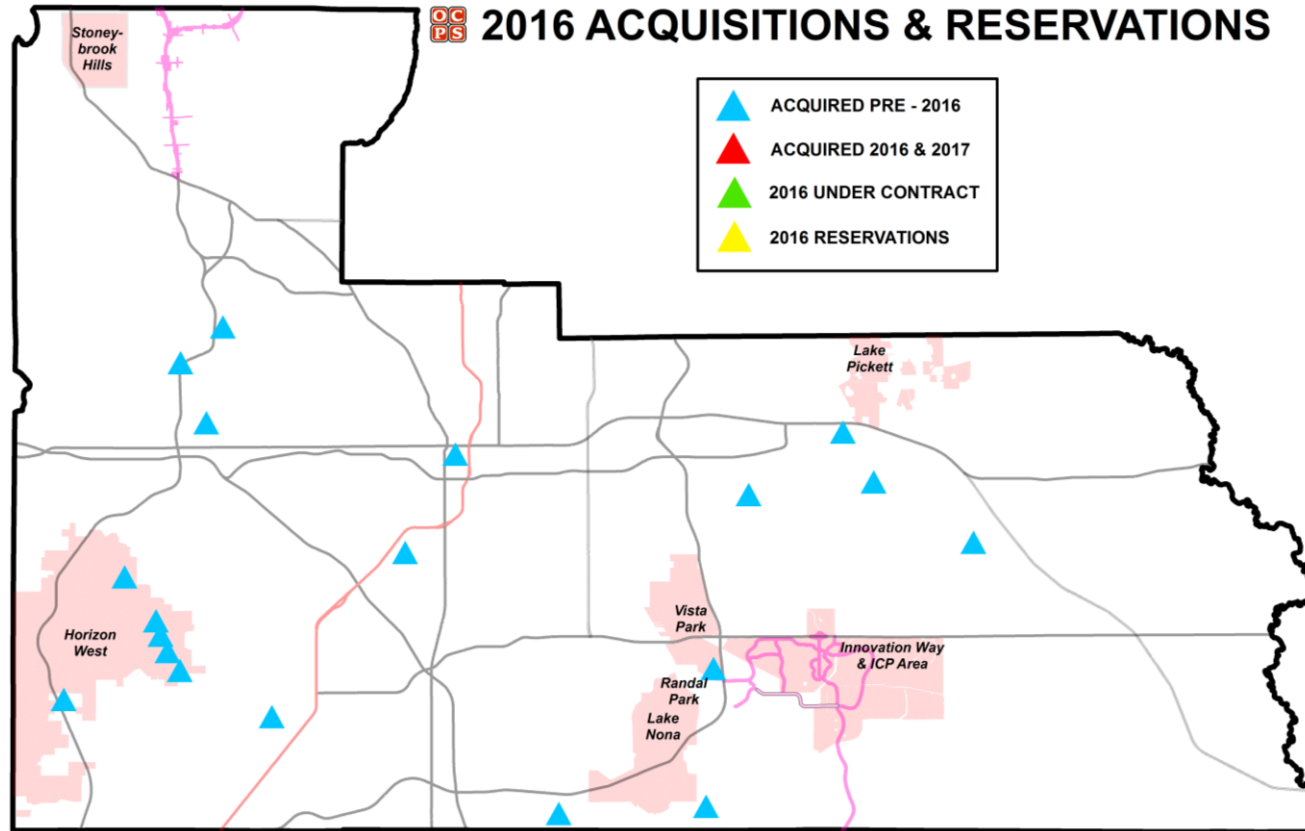
***Closings as of March 2017**

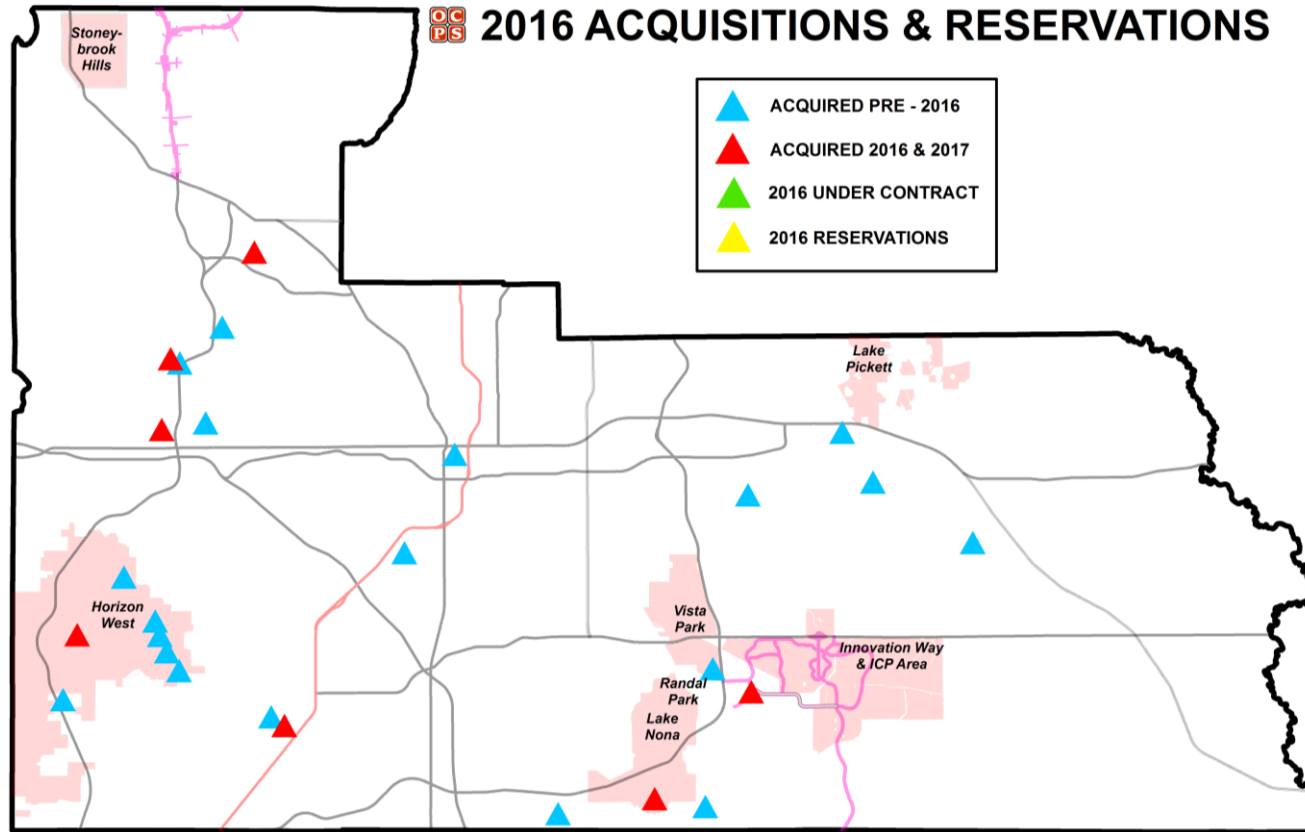
Sites Under Contract

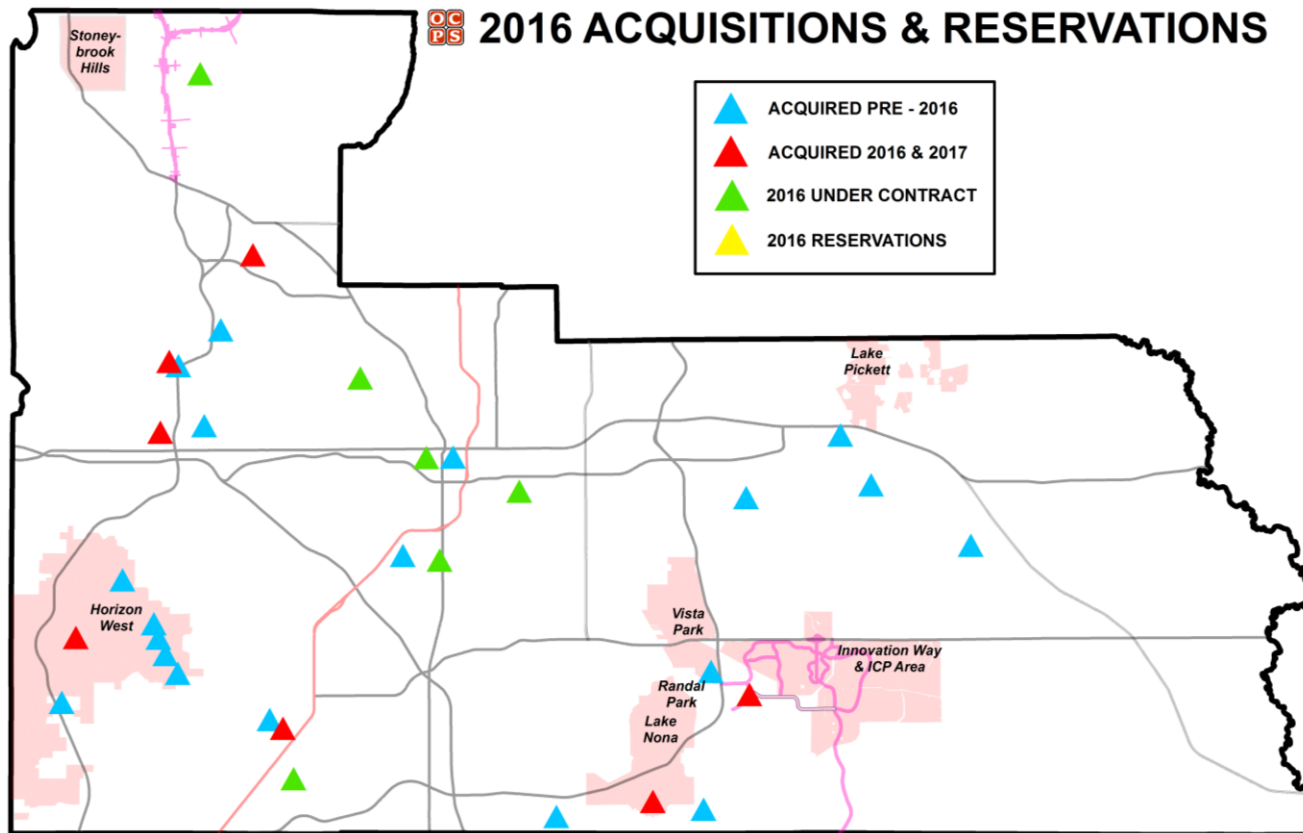
ID NUM	Acreage	Options Reviewed	Entitlements	School Yr Opening	Assemblage
90-E-N-7	20	9	X	2020	4 parcels
212-E-N-6	4	1	X	2020	
Lake Como K8	3.1	1	X	2018	
Rock Lake ES	0.55	1	X	2017	
20-E-W-5	20	10	X	2020	
118-E-SW-5	13	8	X	2021	3 parcels

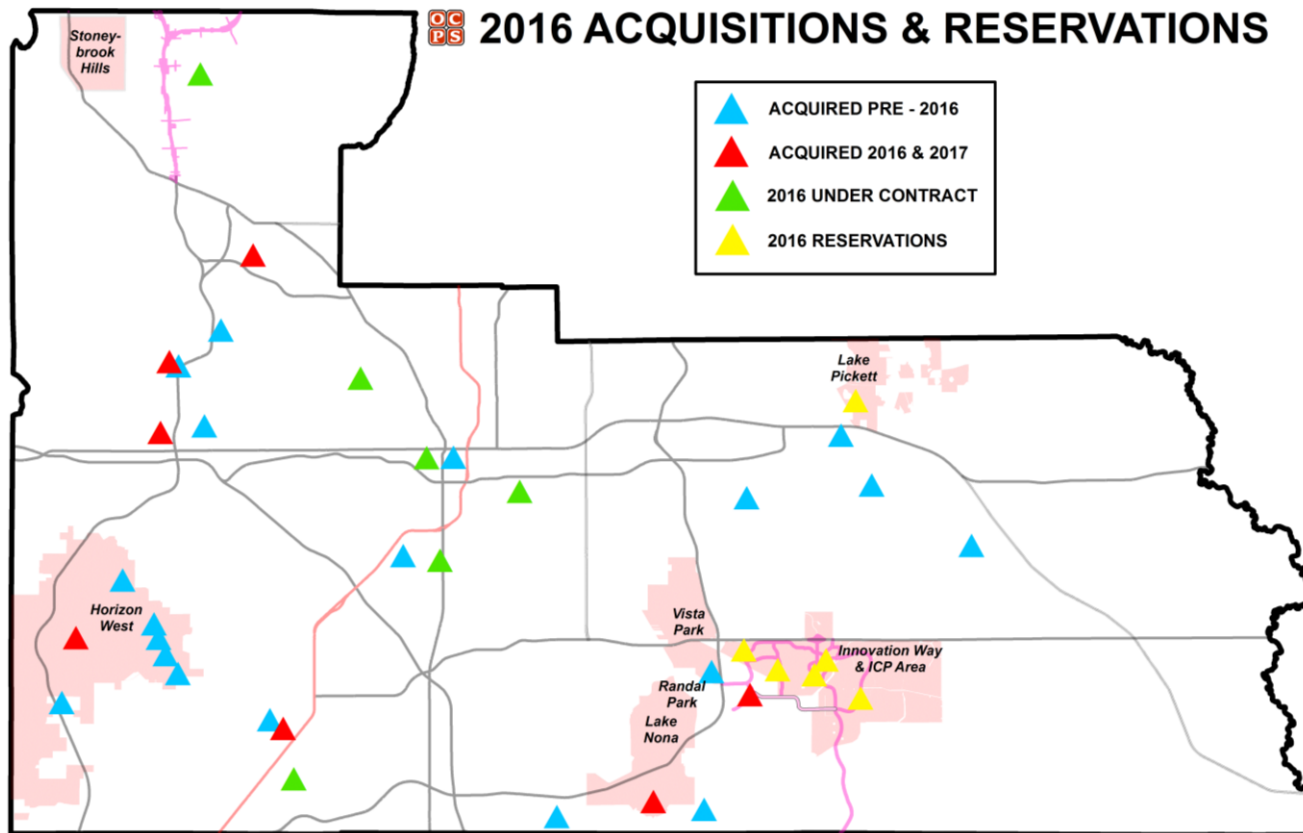
Site Reservations

RESERVED SITES			
ID NUM	Acreage	Entitlements	School Yr Opening
50-H-SE-2	55	X	Outside 10 Yr CIP
56-M-SE-2	25	X	2024
57-M-SE-2	25	X	Outside 10 Yr CIP
58-E-SE-2	15	X	Outside 10 Yr CIP
98-E-E-1	15	X	Outside 10 Yr CIP
99-E-SE-2	15	X	Outside 10 Yr CIP









10 Year CIP Real Estate Needs

2016/2017 10 YEAR NEEDS		
ID NUM	School Yr Opening	Status
37-M-SW-4	2019	Own
72-E-W-7	2019	Own
25-E-SW-4	2019	Own
114-E-W-4	2020	Reserved
90-E-N-7	2020	Under contract
20-E-SW-4	2020	Under contract
118-E-SW-5	2021	Under contract
30-E-SE-3	2022	Own
80-H-SW-4	2022	Own
83-E-SE-2	2022	Reserved
34-M-N-7	2023	Own
65-M-W-4	2023	Reserved
102-E-W-4	2023	Under contract
56-M-SE-2	2024	Reserved

Real Estate Surplus Sites

SURPLUS SITES			
ID NUM	Area	Acreage	Status
59-S-W-4	Windy Ridge	3.02	
60-S-N-7	Ponkan Road	81.96	
70-S-SW-5	Archon	2.81	
74-S-SE-3	GOAA	8.851 (2 tracts)	Reserved
75-S-N-6	Kennedy Road	17.61	Under contract
76-S-N-7	Union Street	0.85	
77-S-E-2	Waterford N19	19	Reviewing offers
78-S-N-6	Eatonville	99.24	Under contract
133-K8-N-6	Audubon K8	1	Conveyed to City
502-S-N-6	Edgewater Maury Road	1	Reviewing for school uses
503-S-E-1	Winter Park Tech ROW	2.469	Conveyed to third party
504-S-N-7	Wekiva HS	12	Under contract
511-S-SE-2	Avalon Tech Excess	1.45	Under contract
520-S-W-4	Olympia HS Pond	1.17	

Facilities Use

FACILITIES USE MANAGEMENT SCORECARD Fiscal Year 2015-2016

- Facility Use agreements generated \$4.6M last fiscal year with over 27,000 events
- On pace to exceed that amount this year

Month	Schedules Created	Number Events	Payments Received
Jul-15	322	947	\$305,684.67
Aug-15	659	1026	\$286,862.47
Sep-15	348	3023	\$331,911.57
Oct-15	260	3725	\$330,467.29
Nov-15	173	2803	\$531,608.42
Dec-15	222	2037	\$258,541.01
Jan-16	331	2138	\$362,189.28
Feb-16	239	2838	\$505,822.77
Mar-16	216	2593	\$548,072.19
Apr-16	214	2977	\$389,329.97
May-16	371	2318	\$290,181.18
Jun-16	222	1271	\$442,948.46
TOTALS	3577	27696	\$4,583,619.28

CEA/CMA's in 2016

- Entered into 38 Capacity Enhancement Agreements and Capacity Mitigation Agreements resulting in an estimated \$33,987,147 in pledged mitigation payments and \$113,641,185 in projected prepaid impact fee credits
- Collected approximately \$2,371,233 in total mitigation payments
- Collected \$13,491,999 in prepaid impact fees

Facilities Design & Construction

- Statutory Requirements
- Planning Tools
- Advance Planning

Jessma Lambert

Director, Facilities Construction Planning

Facilities Construction Planning

Statutory Requirements

- Annual FISH Certification
- Five-Year Work Plan
- Five-Year Plant Survey
- DOE Cost of Construction Report

Statutory Educational Facilities Planning

Annual FISH Certification

- Chapter 1013.31(1)(d) of Florida Statutes
- Basis of data for the Educational Facilities Planning
- ***Due April 1 of each year***
- Certification indicates inventory is current and accurate
- *On-site validation of all new and renovated projects completed in 2016*
- Includes portable installations and removals

Statutory Educational Facilities Planning

Five Year Work Plan

- Chapter 1013.35 of Florida Statutes
- ***Due first week of October each year***
- The first year of the work program is the district's capital outlay budget
- Reflects a balanced Capital Outlay plan that is financially feasible based on Board approved budget

Statutory Educational Facilities Planning Five Year Educational Plant Survey

- Florida Statutes Sections 1013.03 and 1013.64
- State Requirements for Educational Facilities (SREF), Section 3.1, FAC.
- ***Last approved June 2012, due June 2017***
- Required for the expenditure of capital millage funds, PECO funds, and CO&DS funds
- Utilizes the 2021-2022 DOE COFTE projections
- Includes Workforce Development information for technical schools
- Amended through spot survey
- Basis for Policy FA

Statutory Educational Facilities Planning

DOE Cost of Construction Report

- Chapter 1013.64 of Florida Statutes – *Funds for comprehensive educational plant needs; construction cost maximums for school district capital projects*
- Limits measured using Cost per Student Station
- Current cost per student station includes contract costs, legal and administrative costs, fees of architects and engineers, furniture and equipment, and site improvement costs. Cost per student station does not include the cost of purchasing or leasing the site for the construction or the cost of related offsite improvements
- ***Due March 1 of each year or date specified by FDOE***

Facilities Construction Planning

Planning Tools

- State Requirements for Educational Facilities (SREF)
- Facilities List
 - Elementary
 - Middle
 - K8
 - High
- Florida Inventory of School Houses (F.I.S.H.)

Facilities Construction Planning

Advance Planning

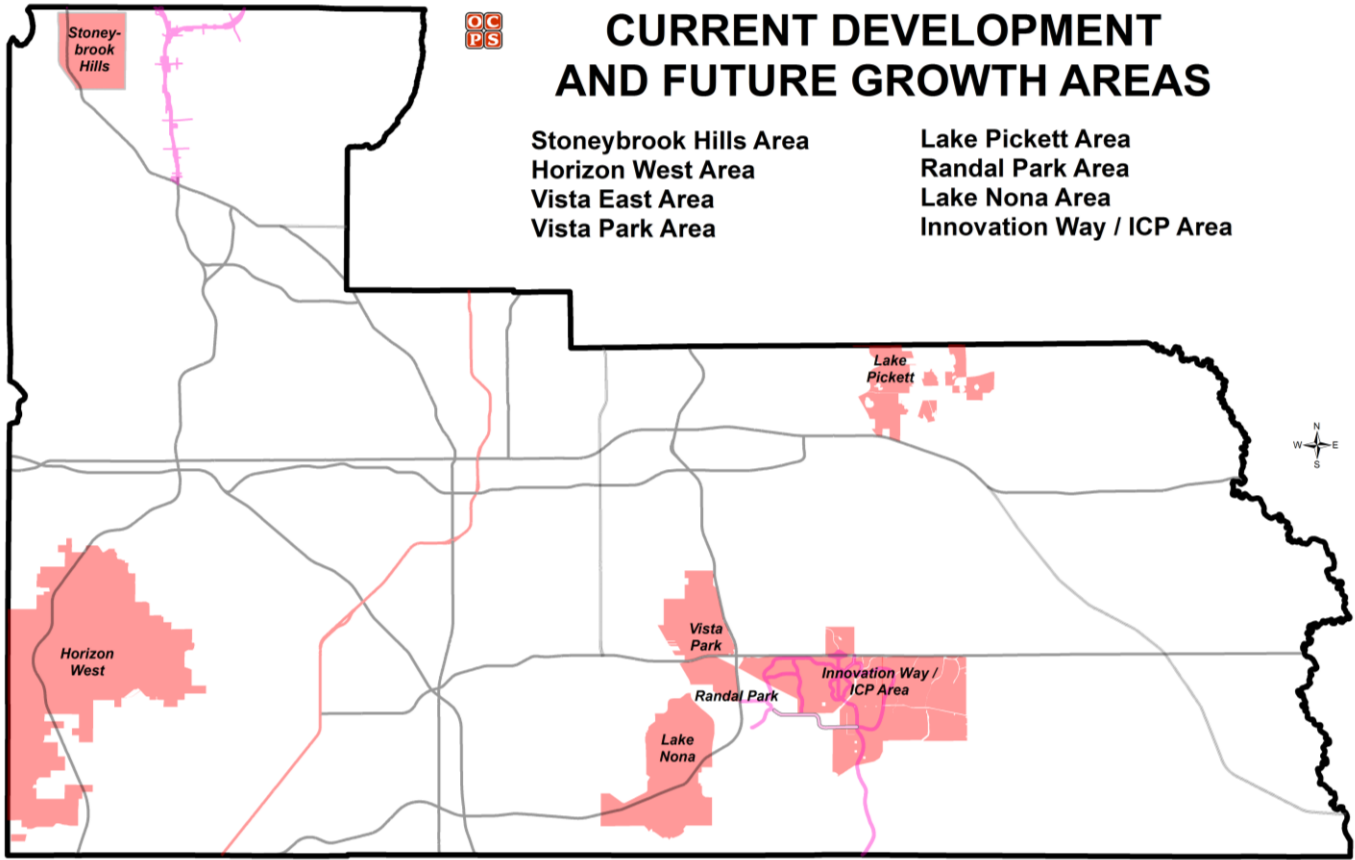
- Purpose – to gather representatives from key stakeholder departments of OCPS to research, review and analyze data to assess future student capacity and facility needs
- Goal – to analyze pertinent data and recommend the 10 year Capital Improvement Plan (CIP)

Members

Facilities Director, Construction Planning
Staff Attorney III, District General Counsel
Director, Student Enrollment
Director, Real Estate Management
Director, Office of Management and Budget
Director, Academic and Guidance Services
Director, ESE Specialized Services
Director, Curriculum, Instructional and Digital Services
Senior Administrator, Student Enrollment

Attending Departments

Facilities Construction Planning
District General Counsel
Student Enrollment
Facilities Planning
Real Estate Management
Teaching and Learning
Facilities Program Management Team
Orange County Government and other Municipalities (as needed)
Other departments as needed



Facilities Design & Construction

- 2017 Master Schedule
- 2018 and Beyond
- Firm Utilization

Jeff Hart

Senior Facilities Executive Director

2017 Openings

- **9 Elementary, 1 PS8, 3 Middle, 1 High, and 1 Ancillary = \$446.7M**
 - **6 Relief = \$265.9M**
 - Timber Springs MS⁽²⁾
 - Laureate Park ES⁽²⁾
 - Innovation Park MS⁽²⁾
 - Site 84-E-W-4 (MetroWest area)⁽⁴⁾
 - OCPS Academic Center for Excellence⁽⁵⁾
 - Windermere HS⁽⁴⁾
 - **9 Replacement projects = \$180.8M**
 - (90) Carver MS⁽⁵⁾
 - (94) Engelwood ES⁽²⁾
 - (96) Oak Hill ES⁽⁵⁾
 - (102) Rock Lake ES⁽⁵⁾
 - (114) Mollie Ray ES⁽⁵⁾
 - (117) Ivey Lane ES⁽⁵⁾
 - (122) Meadow Woods ES⁽³⁾
 - (123) Ventura ES⁽²⁾
 - Northwest Bus Compound, PH 2⁽⁷⁾

Orange County Public Schools



**Anticipated
Substantial
Completion
Date:**
May 31, 2017

1,200 Student
Capacity MS
Prototype
Relief

Timber Springs Middle School

Orange County Public Schools



**Anticipated
Substantial
Completion
Date:**
Apr. 28, 2017

830 Student
Capacity ES
Prototype Re-use
Relief

Laureate Park Elementary School

Orange County Public Schools



**Anticipated
Substantial
Completion
Date:**
May 31, 2017

1,200 Student
Capacity MS
Prototype
Relief

Innovation Park Middle School

Orange County Public Schools



**Anticipated
Substantial
Completion
Date:**
July 31, 2017

830 Student
Capacity ES
Relief

Site 84-E-W-4 (MetroWest relief) Elementary School

Orange County Public Schools



OCPS Academic Center for Excellence

**Anticipated
Substantial
Completion
Date:**

June 16, 2017

1,200 Student
Capacity K-8
Prototype Relief
with additional
facilities for Rosen
Preschool, Clinic,
and Boys & Girls
Club

Orange County Public Schools



**Anticipated
Substantial
Completion
Date:**

June 12, 2017

2,776 Student
Capacity HS
Prototype Re-use
Relief

Windermere High School

Orange County Public Schools



**Anticipated
Substantial
Completion
Date:**
Nov. 17, 2017

1,200 Student
Capacity MS
Prototype
Replacement

Carver Middle School

Orange County Public Schools



**Anticipated
Substantial
Completion
Date:**
Aug. 1, 2017

830 Student
Capacity ES
Prototype Re-use
Replacement

Engelwood Elementary School

Orange County Public Schools



**Anticipated
Substantial
Completion
Date:**
Sep. 29, 2017

650 Student
Capacity ES
Prototype Re-use
Replacement

Oak Hill Elementary School

Orange County Public Schools



**Anticipated
Substantial
Completion
Date:**
Oct. 2, 2017

650 Student
Capacity ES
Prototype Re-use
Replacement

Rock Lake Elementary School

Orange County Public Schools



**Anticipated
Substantial
Completion
Date:**
May 15, 2017

650 Student
Capacity ES
Prototype Re-use
Replacement

Mollie Ray Elementary School

Orange County Public Schools



**Anticipated
Substantial
Completion
Date:**
Oct. 3, 2017

650 Student
Capacity ES
Prototype Re-use
Replacement

Ivey Lane Elementary School

Orange County Public Schools



**Anticipated
Substantial
Completion
Date:**
Sep. 12, 2017

830 Student
Capacity ES
Prototype Re-use
Replacement

Meadow Woods Elementary School

Orange County Public Schools



**Anticipated
Substantial
Completion
Date:**
May 12, 2017

830 Student
Capacity ES
Prototype Re-use
Replacement

Ventura Elementary School

Orange County Public Schools



**Actual
Substantial
Completion
Date:**
Jan. 30, 2017

Bus
transportation
facility with a
fueling station

Northwest Bus Compound – Phase 2

2018 Openings

- **9 Elementary, 2 K-8s, and 1 Ancillary = \$298.7M**

- **1 Relief = \$42.7M**

Site 133-K8-E-6 (Audubon Park area) (6)

- **10 Replacement projects = \$233.8M**

(93) Cypress Park/Durrance ES (3)

(124) Frangus ES (4)

(98) Site 205-K8-SW-6 Lake Como/Kaley K-8 (6) (127) Site 207-E-W-7 (Maxey ES) (7)

(99) Hillcrest ES (6)

(129) Hungerford ES (6)

(105) Union Park ES (1)

(130) Hidden Oaks ES (2)

(106) Pine Hills ES (5)

Pine Hills Transportation Center (6)

- **1 Comprehensive Renovation = \$22.2M**

(92) Dover Shores ES (6)

Orange County Public Schools



**Anticipated
NTP Date:**
Mar. 17, 2017

**Anticipated
Substantial
Completion
Date:**
June 15, 2018

1,200 Student
Capacity K-8
Prototype
Relief (similar to
portions of OCPS
ACE)

Site 133-K8-N-6 (Audubon Park area) K8



**Anticipated
NTP Date:**
June 16, 2017

**Anticipated
Substantial
Completion
Date:**
May 15, 2018

650 Student
Capacity ES
Replacement
(elements of Lake
Silver ES)

Cypress Park/Durrance Elementary School

Orange County Public Schools



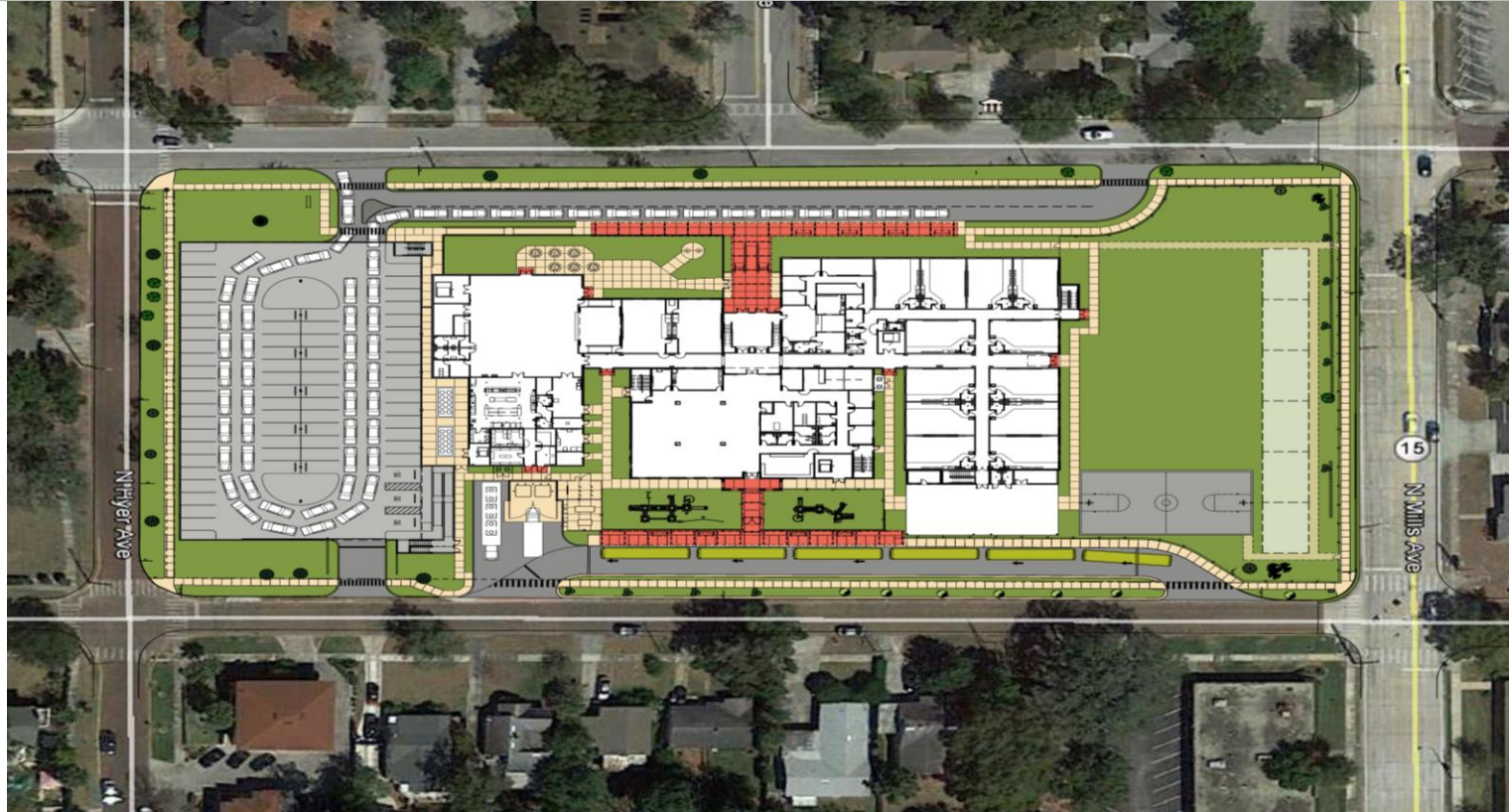
NTP Date:
Feb. 7, 2017

**Anticipated
Substantial
Completion
Date:**
May 14, 2018

1,200 Student
Capacity K-8
Prototype
Replacement
(first use of this
prototype)

Site 205-K8-SW-6 Lake Como/Kaley K8

Orange County Public Schools



**Anticipated
NTP Date:**
July 7, 2017

**Anticipated
Substantial
Completion
Date:**
May 31, 2018

500 Student
Capacity ES
Replacement /
Renovation
(building 3 being
completely
renovated &
re-purposed)

Hillcrest Elementary School



**Anticipated
NTP Date:**
July 7, 2017

**Anticipated
Substantial
Completion
Date:**
May 18, 2018

650 Student Capacity
ES Prototype Re-use
(similar to Dr. Phillips
ES) & existing
classroom building
renovation

Union Park Elementary School

Orange County Public Schools



Pine Hills Elementary School

**Anticipated
NTP Date:**
July 7, 2017

**Anticipated
Substantial
Completion
Date:**
May 31, 2018

830 Student
Capacity ES
Prototype Re-use
(similar to Rock
Lake ES and
Oak Hill ES)

Orange County Public Schools



Frangus Elementary School

**Anticipated
NTP Date:**
July 7, 2017

**Anticipated
Substantial
Completion
Date:**
May 31, 2018

750 Student
Capacity ES
Prototype
Replacement
(similar to
Lake Weston ES)

Orange County Public Schools



Site 207-E-W-7 Maxey Elementary School

**Anticipated
NTP Date:**
June 23, 2017

**Anticipated
Substantial
Completion
Date:**
May 31, 2018

650 Student
Capacity ES
Prototype Re-use
Replacement
(on a new site)

Orange County Public Schools



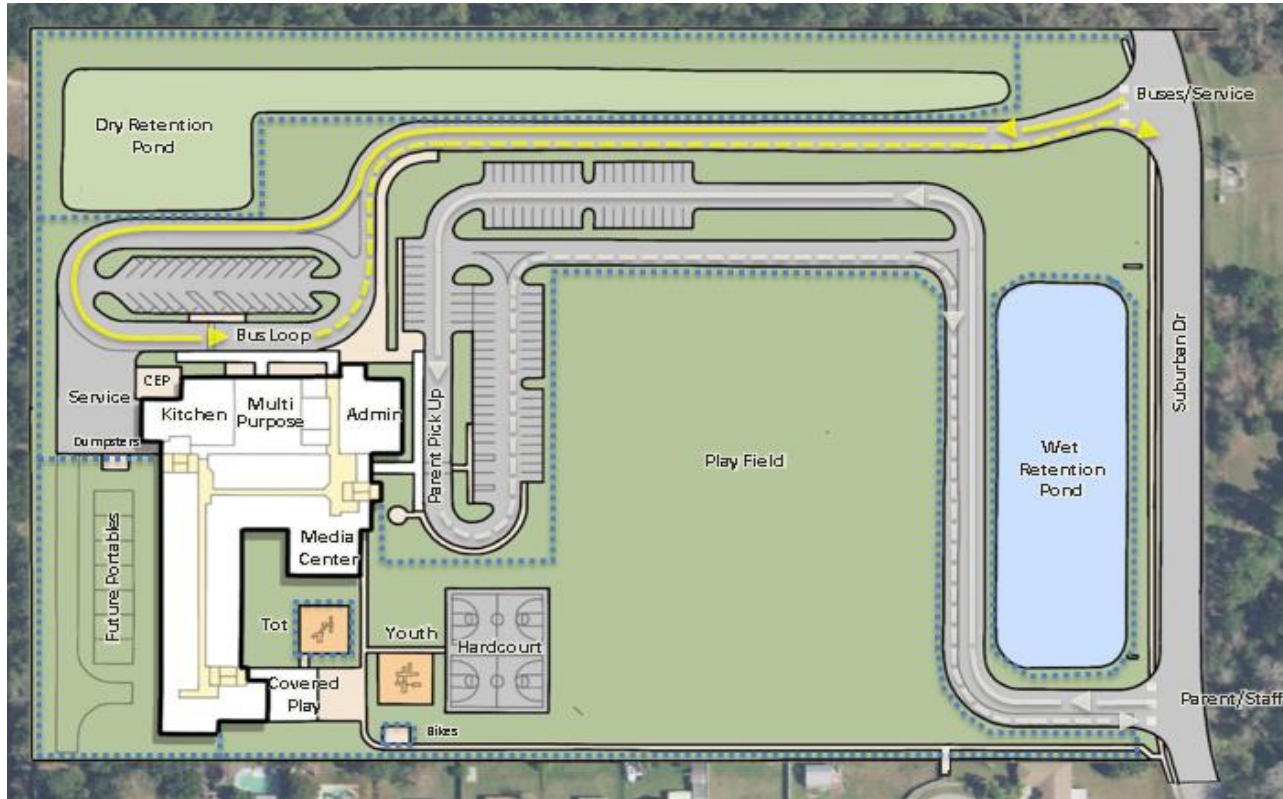
**Anticipated
NTP Date:**
July 7, 2017

**Anticipated
Substantial
Completion
Date:**
May 17, 2018

500 Student
Capacity ES
Prototype
Replacement Project
(similar to Laureate
Park ES and
Meadow Woods ES)

Hungerford Elementary School

Orange County Public Schools



Hidden Oaks Elementary School

**Anticipated
NTP Date:**
July 7, 2017

**Anticipated
Substantial
Completion
Date:**
May 30, 2018

650 Student
Capacity ES
Prototype
Replacement
Project (similar to
Ivey Lane ES)

Orange County Public Schools



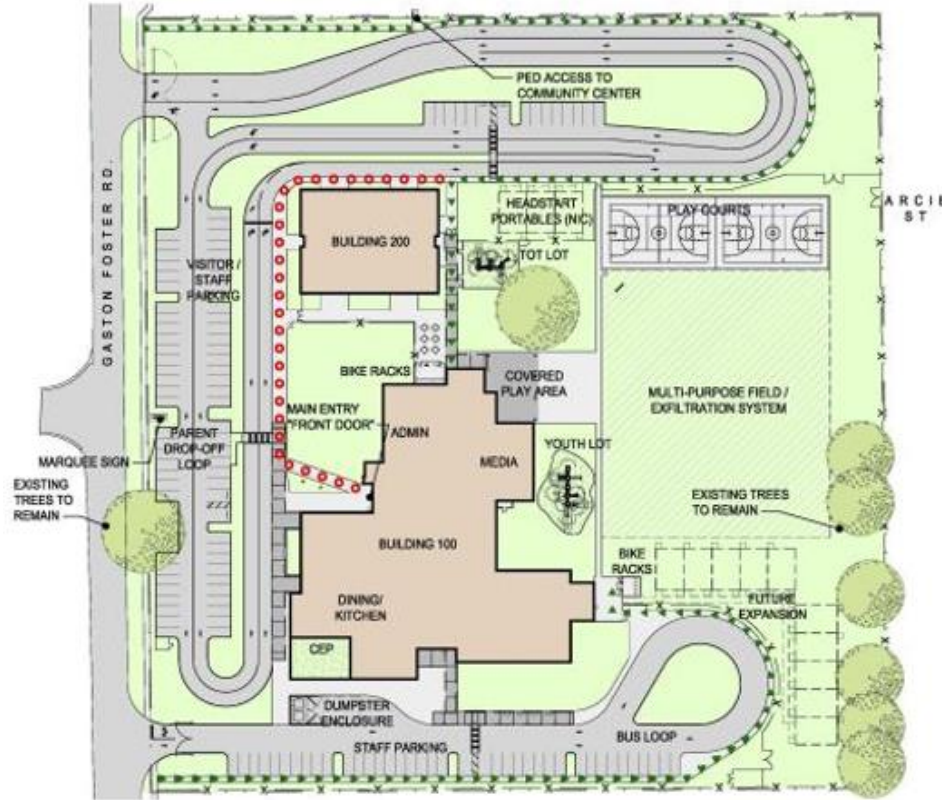
**Anticipated
NTP Date:**
May 23, 2017

**Anticipated
Substantial
Completion
Date:**
July 19, 2018

Bus Depot with
Fueling &
Maintenance
Facilities,
North Learning
Community &
NW Maintenance

Pine Hills Transportation Compound

Orange County Public Schools



**Anticipated
NTP Date:**
June 9, 2017

**Anticipated
Substantial
Completion
Date:**
May 7, 2018

650 Student
Capacity ES
Prototype Re-use
Replacement /
Renovation (similar
to Mollie Ray ES)

Dover Shores Elementary School

2019 Openings

- **6 Elementary, 1 K-8, 2 Middle, and 1 ESE Facility = \$217M**
 - **3 Relief = \$81.9M**
 - Site 37-M-SW-4 (Bridgewater area) ⁽³⁾
 - Site 25-E-SW-4 (South of Reams Road area) ⁽⁴⁾
 - Site 72-E-W-7 (Crown Point area) ⁽⁷⁾
 - **3 Replacement projects = \$71.1M**
 - (113) Magnolia School ⁽⁵⁾
 - (119) Deerwood ES ⁽²⁾
 - (120) Site 208-K8-SE-3 (Pershing/Pine Castle area) ⁽³⁾
 - **4 Comprehensive Renovation = \$64M**
 - (100) Corner Lake MS ⁽¹⁾
 - (111) Lake George ES ⁽³⁾
 - (116) Sunrise ES ⁽²⁾
 - (118) Lake Gem ES ⁽⁶⁾

Firm Utilization

Number of firms that have worked with us or are working on our projects, within the past year:

- **13 A/E firms**
 - **47 different sub-consultants**
- **13 CM firms**
 - **278 different sub-contractors**

Jobs

From a capital projects perspective alone, we anticipate the need for some 24,000+ direct and indirect jobs associated with our projects:

- 2017 – 10,750 jobs created
- 2018 – 7,275 jobs created
- 2019 – 6,100 jobs created

Facilities Capital Renewal & Portables

- Capital Renewal
- Digital Curriculum
- Districtwide
- Portables

K. Mike Winter

Senior Construction Director

Capital Renewal Program

- Replacement of major systems and components
- Preserve the efficient operation of school facilities
- Groups G3, G4, G5, and G6 school facilities ⁽¹⁾
- Project Elements greater than \$50,000
- Priorities P1, P2, and P3 ⁽²⁾

(1) Ancillary facilities not eligible for CR funding

(2) Incidental P4 and P5 Elements are eligible for CR funding

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 (thru 2016 reported)

Group 1 (complete)

Group 2 (44 Schools)

Acceleration West

Apopka 9GC

Carver MS

Cherokee School

Clarcona ES

Corner Lake MS

Cypress Park ES

Deerwood ES

Dover Shores ES

Durrance ES

Engelwood ES

Fern Creek ES

Frangus ES

Gateway School

Hidden Oaks ES

Hillcrest ES

Hungerford ES

Ivey Lane ES

Kaley/Lake Como ES

Lake Gem ES

Lake George ES

Group 2 (44 Schools) Cont.

Magnolia School

Maxey ES

Meadow Woods ES

Meadow Woods MS

Mid-Florida Tech

Mollie Ray ES

Oak Hill ES

Orlando Tech

Pershing ES

Pinar ES

Pine Castle ES

Pine Hills ES

Rock Lake ES

Rolling Hills ES

Silver Star Center

Southwest MS

Sunrise ES

Union Park ES

Washington Shores PLC

West Orange 9GC

Westside Tech

Winegard ES

Winter Park Tech

Group 3 (20 Schools)

Avalon ES
Boone HS
Camelot ES
Chain of Lakes MS
Citrus ES
Colonial HS
Endeavor ES

Howard MS
Jones HS
Lakeview MS
Lawton Chiles ES
NorthLake Park ES
Oakshire ES
Ocoee MS

Odyssey MS
Olympia HS
Palmetto ES
Three Points ES
Timber Creek HS
Winter Park HS

Group 3 (13 Ancillary Facilities)

Alt Ed Admin Office
East River Trans
Eric Olson Bus Compound
ESE Admin Center
Facilities Services

Ft Gatlin Admin Center
Hanging Moss Trans
Lake Nona Bus Compound
NE Maintenance
NW Maintenance

NW Bus Compound
Pine Hills Trans
Ronald Blocker ELC

Group 4 (49 Schools)

Acceleration East
Andover ES
Audubon Park ES
Avalon MS
Avalon Tech
Bay Meadows ES
Blankner K-8
Bonneville ES
Bridgewater MS
Castle Creek ES

Catalina ES
Cheney ES
Colonial 9GC
Columbia ES
Dillard Street ES
Eagle's Nest ES
East Lake ES
Freedom MS
Freedom HS
Glenridge MS

Hiawassee ES
Jackson MS
Legacy MS
Liberty MS
McCoy ES
Meadowbrook MS
Millennia ES
Moss Park ES
Ocoee HS
Orlo Vista ES

Group 4 (49 Schools) Cont.

Positive Pathways

Ridgewood Park ES

Sadler ES

Sand Lake ES

South Creek MS

Stone Lakes ES

Sunset Park ES

Thornebrooke ES

Tildenville ES

Vista Lakes ES

Wekiva HS

West Creek ES

West Oaks ES

Whispering Oak ES

Windermere ES

Windy Ridge K8

Wolf Lake ES

Wolf Lake MS

Wyndham Lakes ES

Group 5 (53 Schools)

Aloma ES
Apopka HS
Apopka MS
Azalea Park ES
Chickasaw ES
College Park MS
Conway ES
Conway MS
Cypress Springs ES
Discovery MS

Dommerich ES
East River HS
Edgewater HS
Evans HS
Forsyth Woods ES
Gotha MS
Hunter's Creek ES
Hunter's Creek MS
Keene's Crossing ES
Killarney ES

Lake Nona HS
Lake Nona MS
Lake Sybelia ES
Lakemont ES
Lakeville ES
Lockhart MS
Maitland MS
Memorial MS
MetroWest ES
Orange Center ES

Group 5 (53 Schools) Cont.

Palm Lake ES

Piedmont Lakes MS

Pinewood ES

Princeton ES

Riverdale ES

Robinswood MS

Rock Springs ES

Rosemont ES

Shenandoah ES

Southwood ES

SunRidge ES

SunRidge MS

Timber Lakes ES

Union Park MS

University HS

Walker MS

Waterbridge ES

West Orange HS

Westbrooke ES

Westridge MS

Wetherbee ES

Winter Park 9GC

Zellwood ES

Group 6 (35 Schools)

Apopka ES
Arbor Ridge K8
Bay Lake ES
Brookshire ES
Clay Springs ES
Cypress Creek HS
Dr. Phillips ES
Dr. Phillips HS
Dream Lake ES
Eagle Creek ES
Eccleston ES
Independence ES

John Young ES
Lake Silver ES
Lake Weston ES
Lake Whitney ES
Lancaster ES
Little River ES
Lockhart ES
Lovell ES
Millennia Gardens ES
Oak Ridge HS
Ocoee ES
Pineloch ES

Prairie Lake ES
Riverside ES
Shingle Creek ES
Spring Lake ES
Sun Blaze ES
Tangelo Park ES
Ventura ES
Washington Shores ES
Waterford ES
Wedgefield School
Wheatley ES

Capital Renewal Funding Priorities

- P1: Life Safety, Roofing, Air Conditioning, Security
- P2: Exterior Doors/Windows, Elevators, Plumbing, Electrical, Power, Technology, Perimeter Fencing, Interior Lighting
- P3: Interior Partitions / Doors / Windows, Ceilings, Exterior Lighting, Exterior Finishes, Voice Communications, Paving
- P4: Interior Specialties, Playground Equipment
- P5: Interior Finishes, Landscaping, Athletic Facilities

Capital Renewal Project Elements

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

Capital Renewal Projects thru FY19-20 ⁽¹⁾

<u>Phase</u>	<u># Projects</u>	<u>Budget</u> ⁽³⁾
• Planning	120 ⁽²⁾	31.0 M
• Design/Pre-Con	33	165.9 M
• Construction	11	10.6 M
• Close-Out	6	6.5 M
• Completed	<u>85</u>	<u>26.8 M</u>
	255	\$240.8 M

(1) as of 2/8/17

(2) Includes 109 potential small projects thru FY19-20

(3) \$200M threshold maintained

Capital Renewal Project Types

- Large Projects (with CCNA selected A/E & CM firms)
 - Over \$2 million
 - Replace major system(s); multiple project elements
- Intermediate Projects (with continuing A/E & CM firms)
 - Between \$280,000 and \$2 million
 - Replace major system(s); limited project elements
- Small Projects (GCs and Term Service Vendors)
 - Under \$280,000
 - Replace individual system; single project element

Digital Curriculum Program

Cohort	Year	ES	K8	MS	HS ⁽¹⁾	Other ₍₂₎
1	2013	3	-	3	1	-
2	2015	-	-	2	9	-
3	2016	1	1	-	12	-
4	2017	-	1	7	1	2
5	2018	-	5	25	-	-

(1) Count includes 9th Grade Centers at Colonial, West Orange, and Winter Park

(2) Other includes Acceleration East and Acceleration West

Districtwide Project Overview

FY 2016 Completed Projects

Business Cases (Project requests without an initial funding source)	96
New Work Requests (School requested projects)	964
Portable Requests (Installations & removals)	86
Safety/Health (Safety funded projects)	541
Total	1,687

FY 2017 Completed Through 3/1/17

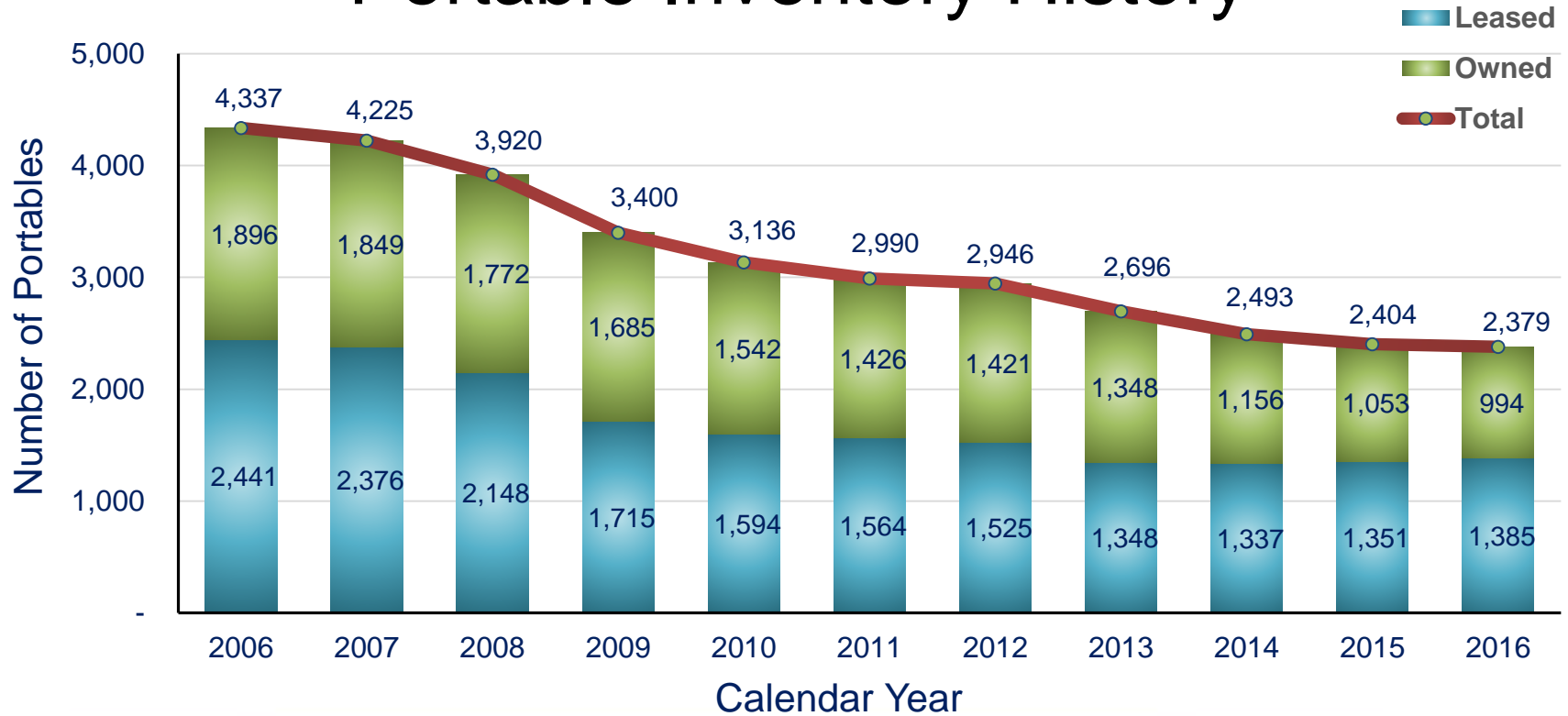
Business Cases (Deduct meters, walkway canopies)	126
New Work Requests (Electrical work, computer labs)	594
Portable Requests (Installations & removals)	60
Safety/Health (ACFI, sidewalks, asphalt tracks)	85
Total	865

Portable Operations

- Supports
 - School Requests (Enrollment / Program Fluctuations)
 - New Construction (Phasing / Removal)
- 2016-17 Activity

	<u>Installs</u>	<u>Disconnects</u>
• School Requests	29	70
• New Construction	65	177
- Covered Walkways
- Inventory trending downward

Portable Inventory History



Portable Operations Recycling Program (cumulative from FY07)

Monies Received for Copper	Monies Received for Aluminum	Monies Received for Steel	Total Monies Received	Total Tons Recycled
\$547,818	\$233,768	\$35,667	\$817,254	705.5 Tons

Maintenance Operations

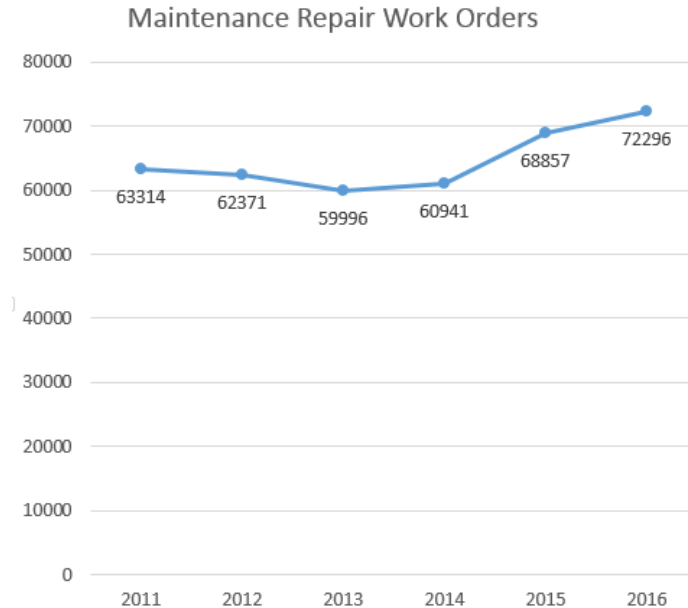
- Maintenance
- Apprenticeship Program
- Grounds/Landscaping
- Energy Administration
- Custodial

Jim Surguine

Senior Director, Maintenance

Maintenance Work Orders

- In 2016, maintenance technicians completed over 72,000 repair work orders
- While the number of repair work orders has risen 12% over the last 6 years, the response time and completion rate has improved

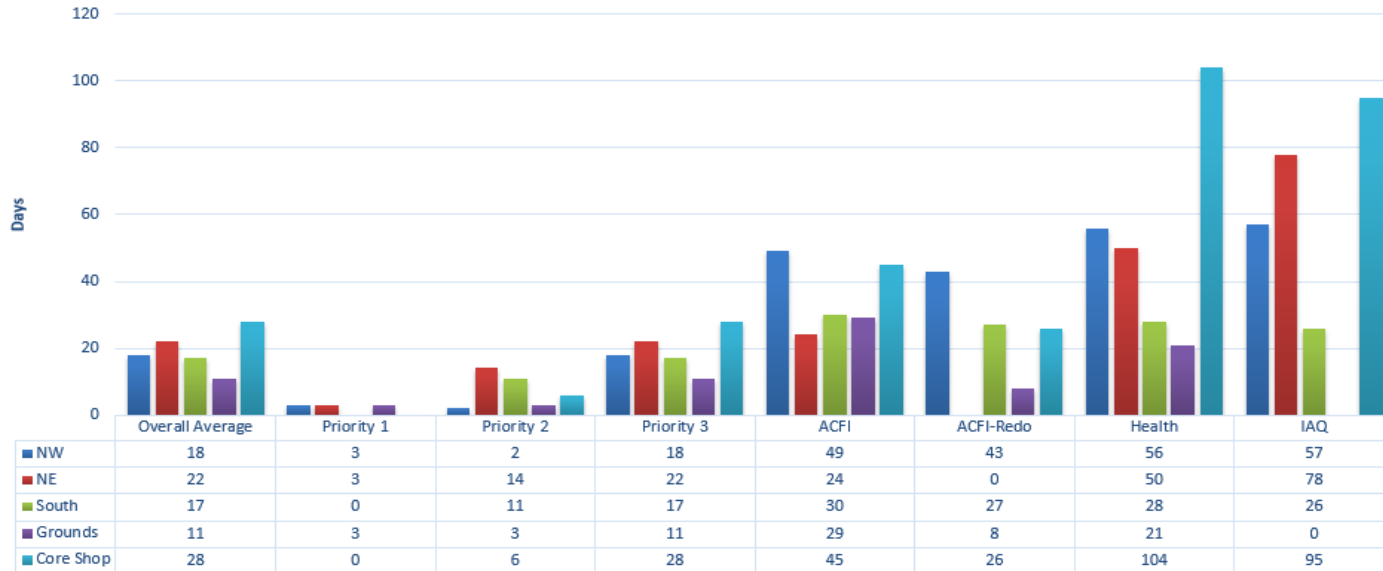


Maintenance

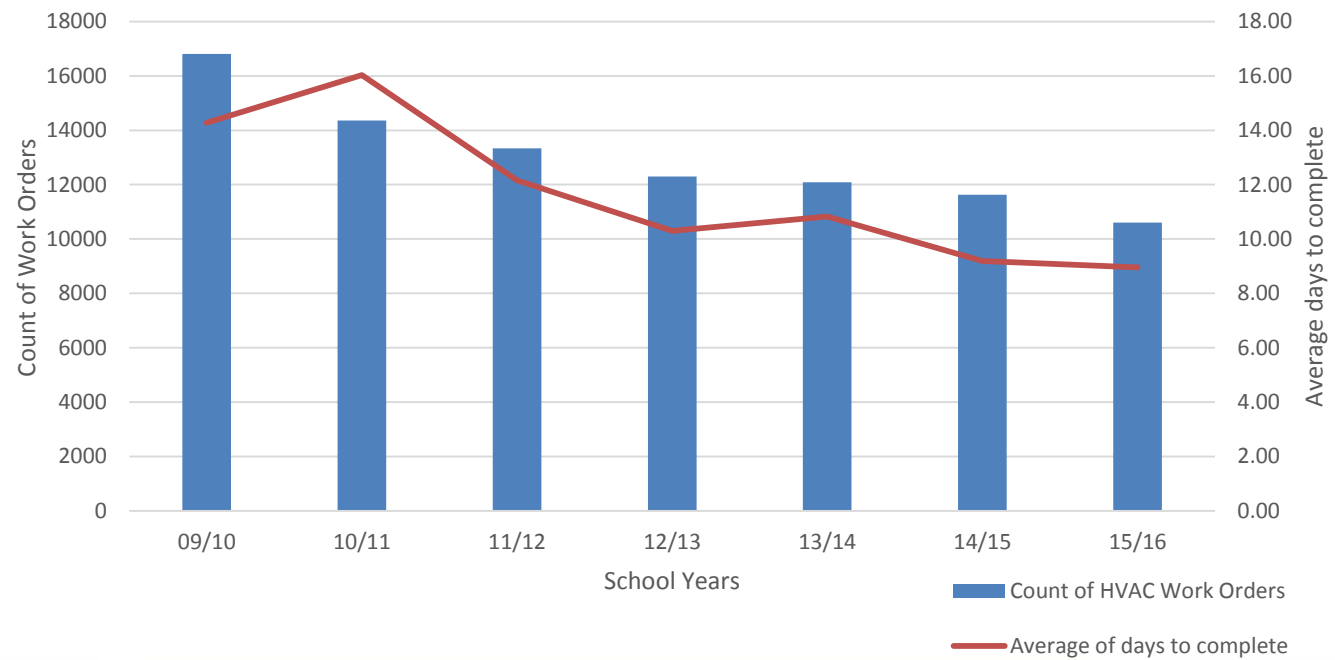
Continued progress in reducing the number of days to complete repairs

December 2016

Priority Average Days to Complete by Area (PM01's)

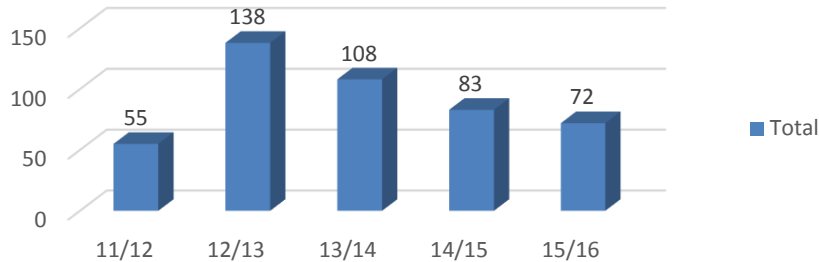


HVAC Work Order Trends

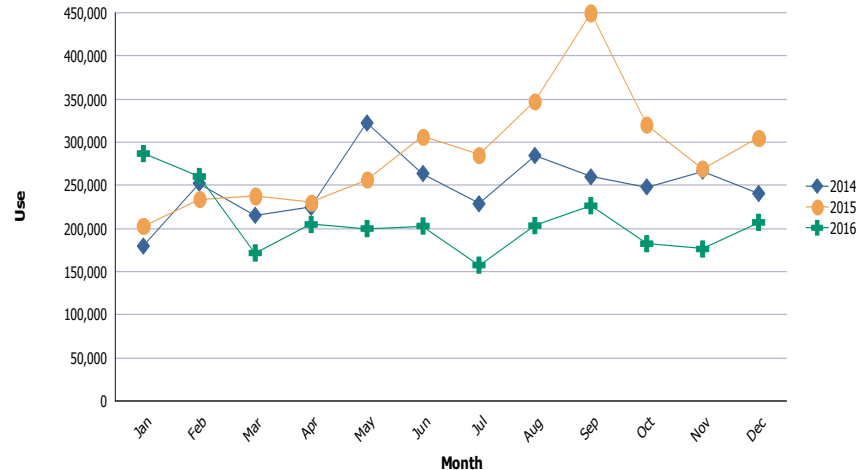


Howard Middle School HVAC Renovation

Howard Middle School
Total HVAC Repair Work Orders



50% reduction in repairs
from 4 years ago



KWh reduction after 8 months = 774,929 KWh

Projected annual savings = \$113,372

Total Project Cost = \$716,000

Apprenticeship Program

- Facilities Maintenance is partnering with CTE and the Academy of Construction Technologies in 2017 to offer youth pre-apprenticeship opportunities to high school juniors and seniors for maintenance trade positions during the summer months



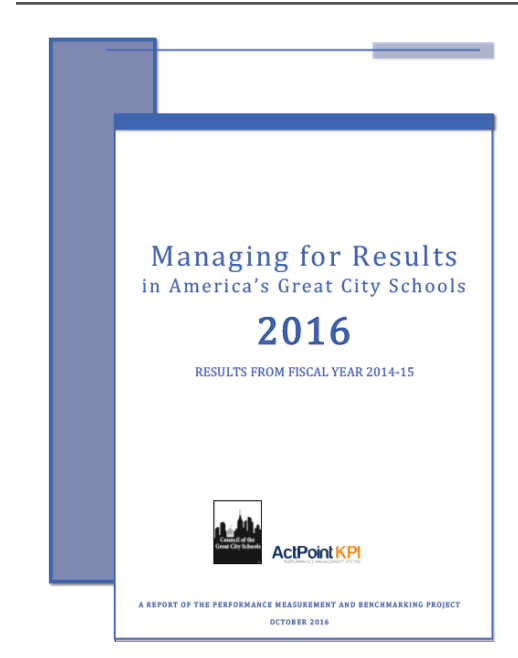
Grounds

- Working with the design team on landscaping guidelines
- Purchased large acreage mowers
- Mosquito prevention measures
- Pest and wildlife control
- Pilot landscaping project for schools in the Southwest LC
- Working with high school athletics on turf management
- Landscaping projects and curb appeal
- Storm response



Performance Measures

Benchmarking performance through
the Council of the Great City Schools
Annual Report “Managing for Results”

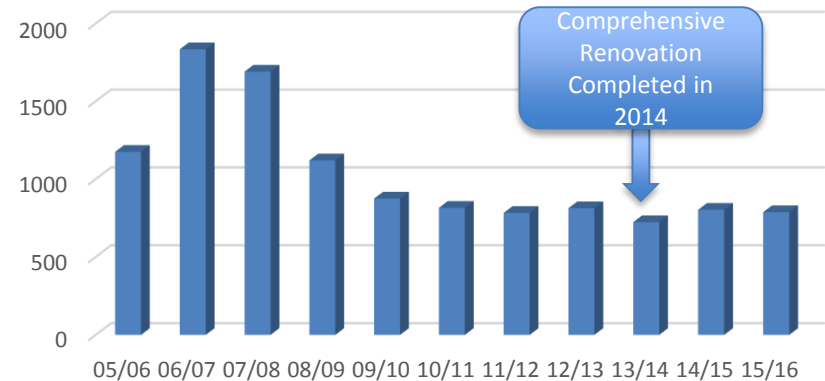


Maintenance Trends for Renovated Schools

Edgewater High School Work Orders

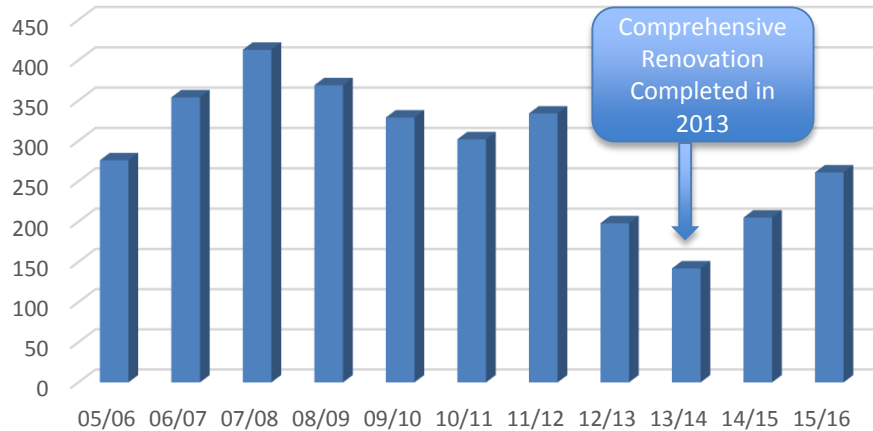


Dr. Phillips High School Work Orders



Maintenance Trends for Renovated Schools

Eccleston ES Maintenance Work Order History



Maitland MS Maintenance Work Orders



Energy Administration

- Partnering with utility providers for energy efficient lighting technology
- Sustainability and energy conservation with schools
- Energy audits during the school day, evenings and weekends
- Re-investing rebate dollars for retro-commissioning
- Working to identify issues and reduce consumption
- Monitoring Utility billing saved OCPS \$6.8M since 2001
- Partnering with Food and Nutrition Services reduce consumption
- Maintaining solar photovoltaic and solar hot water systems at 31 sites

Sewer Deduct Metering Project

- 32 sites in Orange County have been identified eligible to receive sewer deduct credits on utility bills for evaporative cooling towers
- Deduct meters have been installed at 11 sites
- The annual saving from the 11 sites is \$110,400, when complete the annual savings is estimated to be \$336,192



Custodial

47 graduates from the first Custodial Training Program



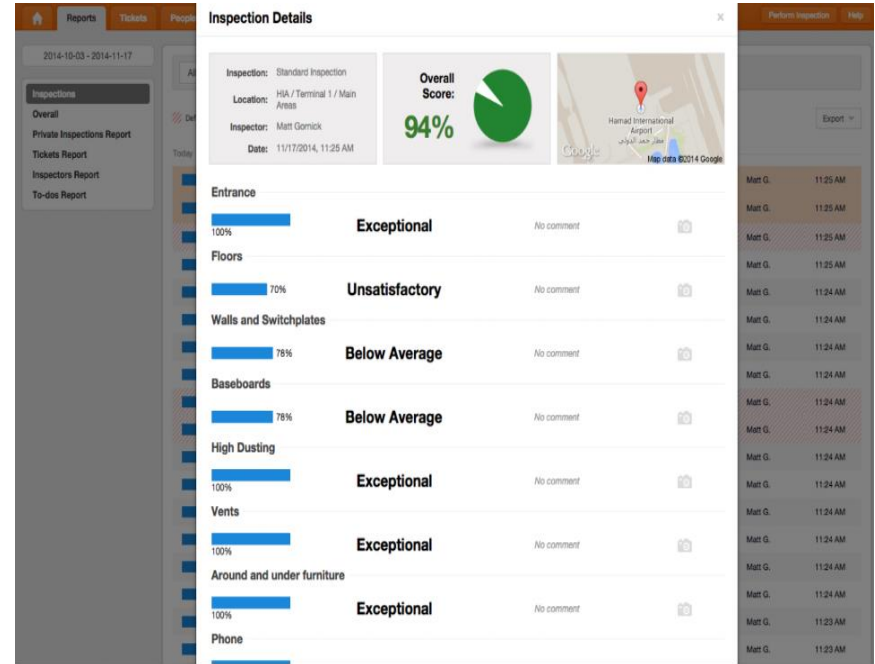
Custodial

- Central Support Services is replacing restroom dispensers
- Standardizing hand soap, paper towel and toilet paper dispensers
- Dispensers provided at no cost to the district
- Inventory is tracked through the vendor's inventory program



Custodial Inspection Program

- Provides an electronic tool to evaluate an entire facility down to individual room location
- FISH data loaded directly into program
- Program accessible from a mobile device includes pictures, reports, scores, email capability
- Schools with low scores receive info to correct deficiencies and create sustainability



Capital Program Update

- Accelerated Capital Projects Update
- FLDOE Cost per Student Station Update
- Capital Program Elements
- Facilities Condition Assessment Update
- Capital Program Timeline and Budget Update

Basem Ghneim

Program Management Team Manager

Accelerated Projects Update

In 2014, four (4) groups of Capital Projects were recommended for acceleration. Two (2) groups were approved by the Board

- **(4) Modular Elementary Schools** - **Selected**
- **(6) Future Relief Schools** - **Selected**
- (8) Functional Equity Middle Schools
- (2) Pre-Sales Tax List High Schools

Accelerated Projects Update

	<u>Opening Year</u>	<u>Status</u>
• Advance Group 2 Modular ES		
• (122) Meadow Woods ES	2017	Construction
• (123) Ventura ES	2017	Construction
• (124) William Frangus ES	2018	Design
• (130) Hidden Oaks ES	2018	Design
• Advance Future Relief Schools		
• Bay Lake ES	2016	Complete
• Laureate Park ES	2017	Construction
• 84-E-W-4	2017	Construction
• 133-K8-N-6	2018	Construction
• Lake Como/ Kaley K8	2018	Construction
• Pershing/ Pine Castle K8	2019	Design

Accelerated Projects Update

Functional Equity Middle Schools – planning to commence in FY2019

- (19) Lockhart MS
- (21) Robinswood MS
- (22) College Park MS
- (N/A) Chain of Lakes MS
- (50) Westridge MS
- (20) Conway MS
- (39) Piedmont Lakes MS
- (44) Hunter's Creek MS

Accelerated Projects Update

Advance Pre-Sales Tax List High Schools – planning to commence in FY2023

	<u>Estimated Cost</u>	<u>Proposed Year To Complete</u>
• Boone High School	\$ 17.0 M	2019
• Replace Auditorium	\$ 13.6 M	2021
• Replace Gymnasium		
• Colonial High School	\$17.0 M	2019
• Replace Auditorium		

FLDOE Cost per Student Station Update

2017 Replacement & Relief Projects

School	Estimated * Cost/ Stu. Sta.	FLDOE Limit
(2992) Windermere HS	\$26,864	\$31,698 (HS)
(1348) Innovation Park MS	\$21,248	
(1348) Timber Springs MS	\$23,932	\$24,403 (MS)
(1348) Carver MS	\$23,587	
(830) Engelwood ES	\$19,744	\$22,598 (ES)
(830) Meadow Woods ES	\$20,817	
(830) Laureate Park ES	\$20,832	
(650) Mollie Ray ES	\$24,587	
(650) Ivey Lane ES	\$24,987	
(650) Oak Hill ES	\$25,614	
(650) Rock Lake ES	\$27,733	

2018 Replacement & Relief Projects

School	Estimated * Cost/ Stu. Sta.	FLDOE Limit
(830) Pine Hills ES	\$21,963	\$23,112 (ES)
(750) Frangus ES	\$23,249	
(650) Maxey ES	\$24,381	
(650) Hidden Oaks ES	\$24,597	
(500) Hungerford ES	\$27,704	

* Cost per student station estimates are based on current FLDOE calculation metrics. Estimated values are subject to change upon reconciliation of final project costs.

Factors Impacting Student Station Cost

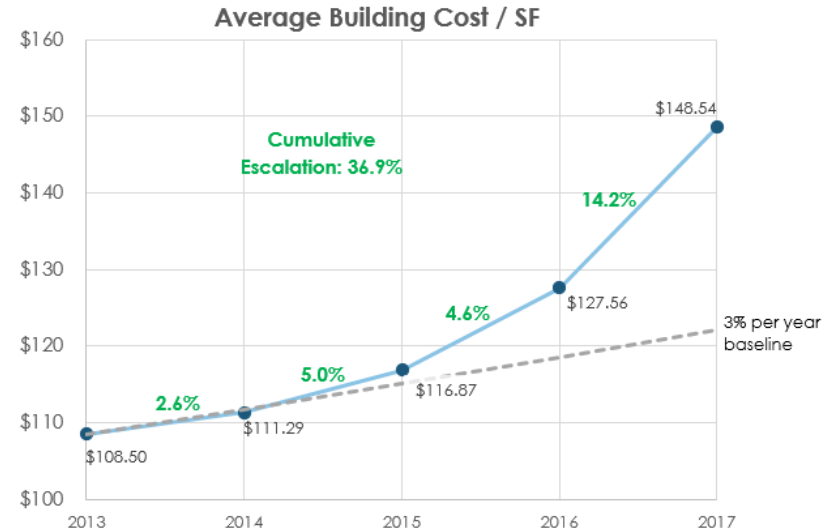
Local Market Conditions

- Resources/ Local Labor Shortage
- Higher Material Prices
- Higher Profit Margins

Schools with lower student station capacity exhibited a higher overage

Site work and infrastructure improvements

Construction phasing requirements on occupied school sites



Based on new and replacement Elementary Schools from 2013 through 2017. Projects using a hard bid delivery method have been excluded from the collected data in order to better analyze the market trends.

Program Elements

1. Balance of the 2003 Sales Tax List of 136
2. Capital Renewal
3. Technology Initiative
4. New Relief Schools
5. Pre-2003 Sales Tax Schools
6. Functional Equity
7. Repurposed Facilities

Facilities Condition Assessment (FCA) Update

Recommendation:

- Perform a year five (5) update
- Re-assess the district-wide inventory in 2017

Assessment Timeline:

- | | |
|---------------------------------------|----------|
| • CCNA Selection – FCA Specialty Firm | Apr 2017 |
| • Negotiate Fee / NTP / Mobilize | May 2017 |
| • FCA Execution / Report | Sep 2017 |
| • Prepare Program Update | Dec 2017 |
| • Board Presentation | Feb 2018 |

Capital Program Projected Need

(FY 2018 – 2026)

	<u>Need</u>	<u>Timeframe</u>
• 2003 Sales Tax “List”	\$ 609 M	2018 - 2022
• Capital Renewal	\$ 922 M	2017 - 2026
• Technology Initiative	\$ 196 M	2017 - 2022
• New Relief Schools	\$ 705 M	2018 - 2026
• Pre-2003 Sales Tax Schools	\$ 285 M	2023 - 2025
• Functional Equity	\$ 152 M	2019 - 2024
• <u>Repurposed Facilities</u>	<u>\$ TBD</u>	
Total	\$2.869 Billion	

Projected Funding Sources through Fiscal Year 2026 will adequately offset the overall capital need

Orange County Public Schools

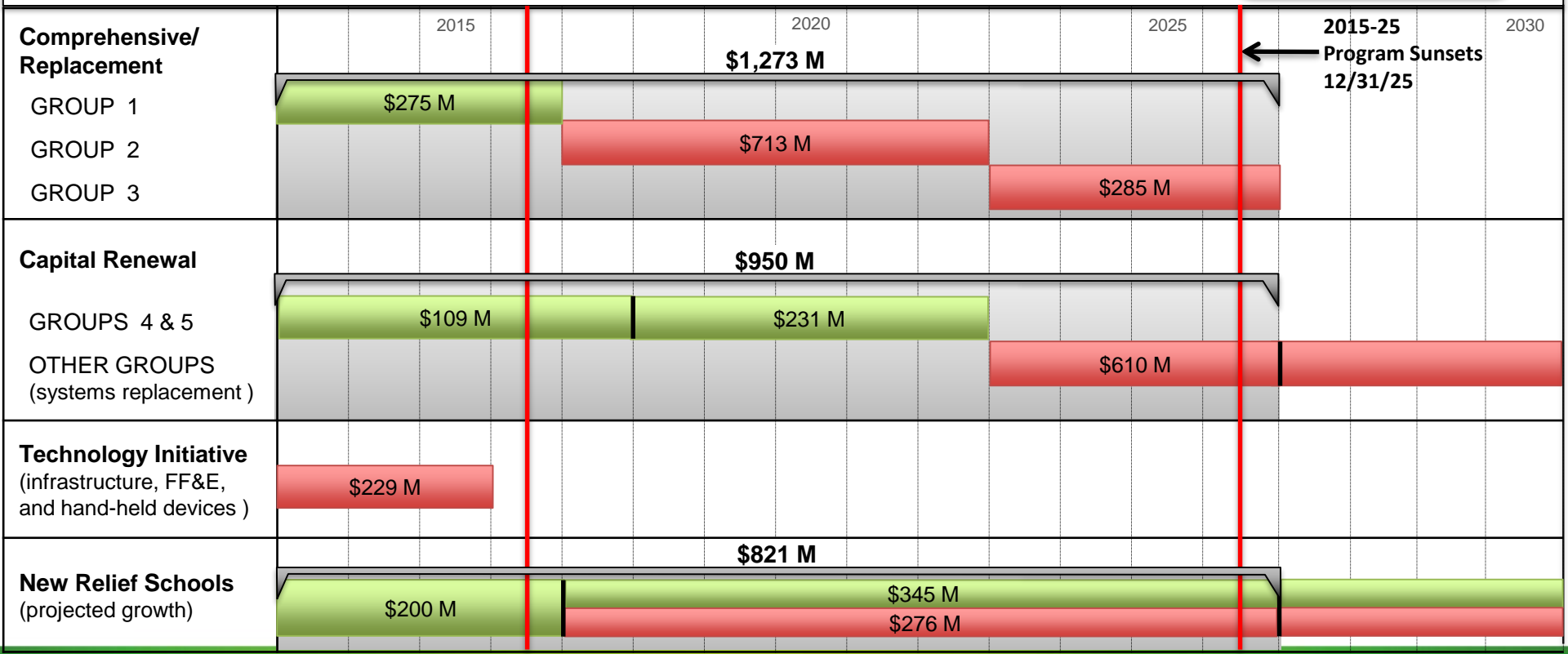
\$

Funded

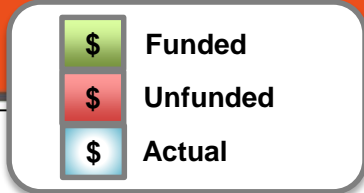
\$

Unfunded

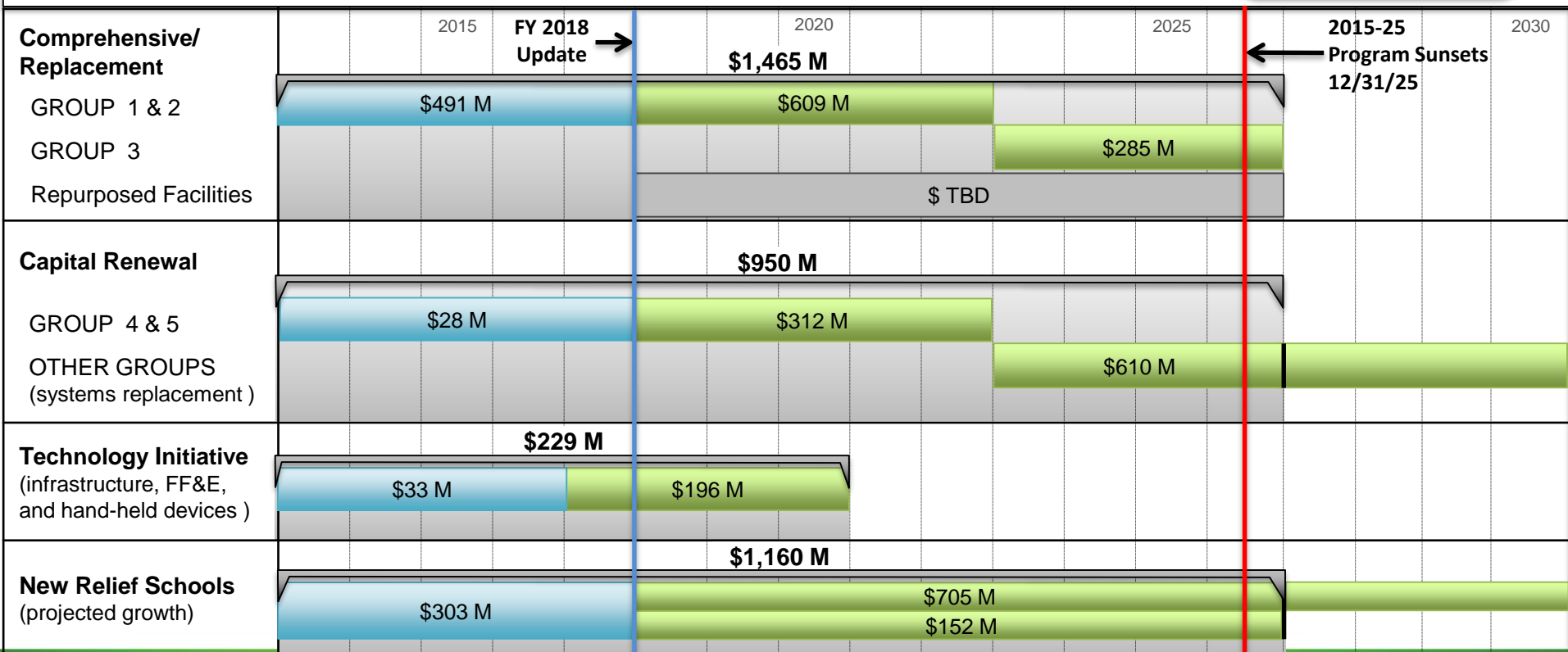
Capital Program (2013)



Orange County Public Schools



Capital Program (FY 2018)



Next Steps – John Morris

- **Complete Unitary Status Agreement Project - 2018**
- **Complete Sales Tax List Projects by August 2022**
- **Relief School Projects**
- **Capital Renewal Program**
- **Condition Assessment**
- **Curb Appeal Initiative**
- **Energy Research**

Superintendent's Comments
School Board Questions and Discussion