Meeting Agenda

Chief Facilities Officer, John Morris
• Introduction
• Unitary Status
• Repurposed Future Use

Director, Construction Planning, Jessma Lambert
• DOE Issues/Challenges
• Advance Planning
Meeting Agenda

Attorney/Planning and Real Estate, Laura Kelly
- Site Acquisitions/Surplus
- Entitlements
- Facilities Use
- CEA/CMA

Senior Facilities Executive Director, Jeff Hart
- 2018 Master Schedule
- 2019 and Beyond
- Capital Renewal
- Rebates
- Owner Direct Purchase Program – Sales Tax Savings
Meeting Agenda

Senior Facilities Director, K. Michael Winter
- Digital Curriculum Program
- Districtwide Program
- Portables
- Maintenance/Grounds
- Energy Administration

Senior Manager, Communications, Lauren Roth
- Curb Appeal Program
Meeting Agenda

Senior Manager, Design/Asset Protection, Rocco Williams
• Asset Protection Program

Program Management Team Manager, Basem Ghneim
• Capital Program Elements
• Accelerated Capital Projects
• Facilities Condition Assessment
• Capital Program Timeline and Budget
<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Planned Year Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>74</td>
<td>OCPS Academic Center for Excellence</td>
<td>2017</td>
</tr>
<tr>
<td>90</td>
<td>Carver MS</td>
<td>2017</td>
</tr>
<tr>
<td>94</td>
<td>Engelwood ES</td>
<td>2017</td>
</tr>
<tr>
<td>102</td>
<td>Rock Lake ES</td>
<td>2017</td>
</tr>
<tr>
<td>96</td>
<td>Oak Hill ES</td>
<td>2017</td>
</tr>
<tr>
<td>110</td>
<td>Washington Shores PLC **</td>
<td>2017</td>
</tr>
<tr>
<td>122</td>
<td>Meadow Woods ES ***</td>
<td>2017</td>
</tr>
<tr>
<td>114</td>
<td>Mollie Ray ES</td>
<td>2017</td>
</tr>
<tr>
<td>117</td>
<td>Ivey Lane ES</td>
<td>2017</td>
</tr>
<tr>
<td>92</td>
<td>Dover Shores ES</td>
<td>2018</td>
</tr>
<tr>
<td>127</td>
<td>Maxey ES</td>
<td>2018</td>
</tr>
<tr>
<td>93</td>
<td>Cypress Park/ Durrance ES</td>
<td>2018</td>
</tr>
<tr>
<td>129</td>
<td>Hungerford ES</td>
<td>2018</td>
</tr>
<tr>
<td>95</td>
<td>Audubon Park K-8 *</td>
<td>2018</td>
</tr>
</tbody>
</table>

* Unitary Status School

* Priority 95 to be funded as Relief School 133-K8-E-6
** Priority 110 repurposed to Washington Shores PLC (Formerly Richmond Heights ES)
*** Accelerated Project
<table>
<thead>
<tr>
<th>Facility</th>
<th>Year Available</th>
<th>Current Use</th>
<th>Future Use (Fall 2018) Potential Use (2019 and beyond)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silver Star Center</td>
<td>Current</td>
<td>OCVS</td>
<td>Testing Center/OCVS</td>
</tr>
<tr>
<td>West Orange 9th GC</td>
<td>Current</td>
<td>ESTEEM Academy/Professional Development</td>
<td>ESTEEM/Hospital Homebound</td>
</tr>
<tr>
<td>Fern Creek ES</td>
<td>2018-19</td>
<td>Elementary School</td>
<td>Gifted Magnet Program</td>
</tr>
<tr>
<td>Durrance ES</td>
<td>2018-19</td>
<td>Elementary School</td>
<td>FNS Distribution Center</td>
</tr>
<tr>
<td>Clarcona ES</td>
<td>2018-19</td>
<td>Swing Site</td>
<td>Skyward / Swing site</td>
</tr>
<tr>
<td>Maxey ES</td>
<td>2018-19</td>
<td>Elementary School</td>
<td>Facilities Maintenance</td>
</tr>
<tr>
<td>Kaley ES</td>
<td>2018-19</td>
<td>Elementary School</td>
<td>Audiology Program, Professional Development Center</td>
</tr>
<tr>
<td>Pine Castle ES</td>
<td>2019-20</td>
<td>Elementary School</td>
<td>Pre-K Center, ELL support center</td>
</tr>
<tr>
<td>Cherokee School</td>
<td>2021-22</td>
<td>ESE School</td>
<td>Potential Gifted Secondary School</td>
</tr>
<tr>
<td>Gateway School</td>
<td>2021-22</td>
<td>ESE School</td>
<td>Middle School Recovery Program</td>
</tr>
</tbody>
</table>
Facilities Construction Planning

- DOE Mandates
  - Statutory Requirements
  - Issues/Challenges
- Advance Planning

Jessma Lambert
Director, Facilities Construction Planning
DOE Statutory Requirements

• Annual FISH Certification
  • Due April 1 of each year

• Five-Year Work Plan
  • Due first week of October each year

• Five-Year Educational Plant Survey
  • Due every five years; last approved December 2017

• Cost of Construction Report
  • Due March 1 of each year or date specified by FLDOE
DOE Issues/Challenges - Current

• **Issue:** Meeting Cost per Student Station Maximums
  • Good News:
    • Past projects have been in compliance
    • Other organizations (i.e. FEFPA) and counties look to OCPS for how to build schools that are compliant
  • Bad News:
    • Applies to all new construction projects, regardless of source of funding
    • Penalties if we exceed the cost per student station maximums
    • Many 2017 schools will not fall within the cost limits
      • Smaller schools (less than 830 student stations)
Issue: Refinement of Parameters for Castaldi Approval

Good News:

- We have already gained approval for most of the buildings previously submitted for the foreseeable future under the old rules

Bad News:

- If we identify any other buildings to be demolished, gaining approval will be more difficult
- Less flexibility to utilize prototypes
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
- Office of Management and Budget
- Real Estate Management
- Teaching and Learning
- Facilities Program Management Team
- Orange County Government and Other Municipalities (as needed)
- Other Departments (as needed)
Site Acquisitions/Surplus

- Acquisitions/Surplus
- Entitlements
- Facilities Use
- CEA/CMA

Laura Kelly
Staff Attorney III/Planning and Real Estate
## Site Acquisition Activity

### 5 YR PURCHASE

<table>
<thead>
<tr>
<th>Facility Name/ID Num</th>
<th>Year Acquired</th>
<th>Acreage</th>
<th>Entitlements</th>
<th>School Yr Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ocoee ES</td>
<td>2012</td>
<td>6.56</td>
<td></td>
<td>2014</td>
</tr>
<tr>
<td>Sun Blaze ES</td>
<td>2012</td>
<td>15</td>
<td></td>
<td>2013</td>
</tr>
<tr>
<td>Eagle Creek ES</td>
<td>2014</td>
<td>13.63</td>
<td></td>
<td>2015</td>
</tr>
<tr>
<td>Millennia Gardens ES</td>
<td>2014</td>
<td>12</td>
<td></td>
<td>2015</td>
</tr>
<tr>
<td>OCPS ACE</td>
<td>2015</td>
<td>12.9</td>
<td></td>
<td>2017</td>
</tr>
<tr>
<td>Timber Springs MS</td>
<td>2015</td>
<td>11.4</td>
<td>X</td>
<td>2017</td>
</tr>
<tr>
<td>73-T-W-7</td>
<td>2015</td>
<td>37.5</td>
<td>X</td>
<td>Outside 10 year CIP</td>
</tr>
<tr>
<td>Bay Lake ES</td>
<td>2015</td>
<td>15.8</td>
<td>X</td>
<td>2017</td>
</tr>
<tr>
<td>37-M-SW-4</td>
<td>2015</td>
<td>25.6</td>
<td>X</td>
<td>2019</td>
</tr>
<tr>
<td>Innovation MS</td>
<td>2016</td>
<td>26</td>
<td>X</td>
<td>2017</td>
</tr>
<tr>
<td>Laureate Park ES</td>
<td>2016</td>
<td>13.1</td>
<td>X</td>
<td>2017</td>
</tr>
<tr>
<td>85-E-SW-4</td>
<td>2016</td>
<td>13.5</td>
<td>X</td>
<td>Outside 10 year CIP</td>
</tr>
<tr>
<td>204-E-N-7</td>
<td>2016</td>
<td>0.21</td>
<td>X</td>
<td>Outside 10 year CIP</td>
</tr>
<tr>
<td>72-E-W-7</td>
<td>2016</td>
<td>13.5</td>
<td>X</td>
<td>2025</td>
</tr>
<tr>
<td>80-H-SW-4</td>
<td>2016</td>
<td>50</td>
<td>X</td>
<td>2022</td>
</tr>
<tr>
<td>207-E-W-7</td>
<td>2016/2017</td>
<td>9.3</td>
<td>X</td>
<td>2018</td>
</tr>
<tr>
<td>212-E-N-6</td>
<td>2017</td>
<td>4</td>
<td>X</td>
<td>2020</td>
</tr>
<tr>
<td>208-K8-SE-3</td>
<td>2017</td>
<td>4</td>
<td>X</td>
<td>2019</td>
</tr>
<tr>
<td>20-E-SW-4</td>
<td>2017/2018</td>
<td>18</td>
<td>X</td>
<td>2020</td>
</tr>
<tr>
<td>OCPS ACE</td>
<td>2017/2018</td>
<td>0.1</td>
<td>X</td>
<td>2017</td>
</tr>
<tr>
<td>90-E-N-7</td>
<td>2018</td>
<td>15</td>
<td>X</td>
<td>2021</td>
</tr>
</tbody>
</table>
## Sites Under Contract

<table>
<thead>
<tr>
<th>ID NUM</th>
<th>Acreage</th>
<th>Options Reviewed</th>
<th>Entitlements</th>
<th>School Yr Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lake Como School</td>
<td>3.1</td>
<td>1</td>
<td>X</td>
<td>2018</td>
</tr>
<tr>
<td>Rock Lake ES</td>
<td>0.55</td>
<td>1</td>
<td>X</td>
<td>2017</td>
</tr>
<tr>
<td>118-E-SW-5</td>
<td>13</td>
<td>8</td>
<td>X</td>
<td>2020</td>
</tr>
</tbody>
</table>
## 10 Year CIP Real Estate Needs

### 2017/2018 10 YEAR NEEDS

<table>
<thead>
<tr>
<th>ID NUM</th>
<th>School Yr Opening</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>37-M-SW-4</td>
<td>2019</td>
<td>Own</td>
</tr>
<tr>
<td>25-E-SW-4</td>
<td>2019</td>
<td>Own</td>
</tr>
<tr>
<td>49-E-W-4</td>
<td>2019</td>
<td>Reserved/Negotiating</td>
</tr>
<tr>
<td>20-E-SW-4</td>
<td>2020</td>
<td>Own</td>
</tr>
<tr>
<td>118-E-SW-5</td>
<td>2020</td>
<td>Under contract</td>
</tr>
<tr>
<td>90-E-N-7</td>
<td>2021</td>
<td>Own</td>
</tr>
<tr>
<td>80-H-SW-4</td>
<td>2022</td>
<td>Own</td>
</tr>
<tr>
<td>30-E-SE-3</td>
<td>2022</td>
<td>Own</td>
</tr>
<tr>
<td>83-E-SE-2</td>
<td>2022</td>
<td>Reserved/Negotiating</td>
</tr>
<tr>
<td>65-M-W-4</td>
<td>2023</td>
<td>Reserved/Negotiating</td>
</tr>
<tr>
<td>102-E-W-4</td>
<td>2023</td>
<td>Reviewing options</td>
</tr>
<tr>
<td>97-E-SE-2</td>
<td>2023</td>
<td>Reviewing options</td>
</tr>
<tr>
<td>85-E-W-4</td>
<td>2024</td>
<td>Own</td>
</tr>
<tr>
<td>72-E-W-7</td>
<td>2025</td>
<td>Own</td>
</tr>
<tr>
<td>43-E-SE-2</td>
<td>2025</td>
<td>Negotiating</td>
</tr>
<tr>
<td>134-K8-N-7</td>
<td>2026</td>
<td>Negotiating</td>
</tr>
<tr>
<td>50-H-SE-2</td>
<td>2028</td>
<td>Reserved</td>
</tr>
</tbody>
</table>
Orange County Public Schools

**Elementary Schools**
- Site 43-E-SE-2
- Site 83-E-SE-2
- Site 89-E-W-4
- Site 114-E-W-4
- Site 115-E-W-4
- Site 134-K8-N-7
- Site 130-E-SW-2
- Site 49-E-SW-4
- Site 47-E-SW-4

**Middle Schools**
- Site 129-M-SE-2
- Site 65-M-W-4
- Jackson MS ROW

**High Schools**
- Site 113-H-W-4
- Site 119-H-SE-3
- Site 82-H-N-7

**Ancillary Facilities**
- Site 116-A-N-7
- Site 122-A-E-1

IN NEGOTIATIONS
Due Diligence

• Prior to closing on real estate, Real Estate Management has an inspection period to determine the feasibility or suitability of a site for use as a school

• REM conducts several tests, inspections and studies, including:
  • Boundary and Topography Survey
  • Geotechnical Studies
  • Environmental Assessment - Phase 1 and 2, if recommended
  • Endangered Species Survey
  • Transportation Analysis
  • Wetlands Delineation

• Timing of due diligence is critical

• REM terminated two contracts as a result of findings during due diligence period
What Have We Found

- Potential groundwater and soil contamination
- Potential sinkhole activity
- Recognized environmental conditions, including arsenic, discarded construction debris and underground storage tanks
- Endangered, threatened or listed species, including gopher tortoises and sand skinks
Entitlement Process

• **Pre-Acquisition Entitlements**
  • Approvals include annexation, future land use and zoning
  • Process takes 6-12 months

• **Pre-Construction Entitlements**
  • Approvals include development plan, site plan, special exception and conditional use permit
  • Process takes 3-6 months
  • Requires engineered plans and architectural renderings
Land Use and Zoning Approvals

- Prior to acquisition of real estate, REM is required to obtain the proper land use and zoning designations on the property that would allow for the future construction of a school or ancillary site.

- Varies by jurisdictions but at least a three step process:
  - Development Review Committee
  - Local Planning Agency
  - County Commission/City Council

**DRC**
Staff-level review of applications for technical specifications

**LOCAL PLANNING AGENCY**
Appointed board that makes a recommendation to commission

**COUNTY/CITY COMMISSION**
Elected board that hears the case de novo and approves or denies the request
• Planned Development (PD) is a form of zoning that establishes general parameters for future design by establishing certain minimum criteria
  • Usually required in Orange County
  • Includes limited detail, such as FAR, setback, building height and school capacity
  • Does not include building location, elevations, parking, landscaping or fencing plans
Pre-Construction Entitlements

- Conditional Use Permits (CUP)/ Special Exceptions (SE)/Site Plan/ Development Plan (DP)
  - Requires an engineered site plan
  - Unless a design professional has been retained and a school is under design, OCPS will not have the detail required for a special exception or conditional use permit prior to closing on real estate
  - Reviews building location, elevations, landscaping, fencing plans, parking and queuing
  - CUP/SE are council-level review while Site Plan/DP are staff-level review only (TRG/DRC)

Lake Como School CUP
2017/ 2018 Entitlements

• **Land Use and Zoning Approvals**
  • PD for Pershing K-8 by Orange County
  • Annexation, FLU and Zoning Amendment for Site 90-E-N-7 by the City of Apopka
  • FLU and PD for Site 20-E-SW-4 by Orange County

• **Conditional Use Permit**
  • Lake Como School
  • Audubon Park School
  • Hillcrest ES
  • Edgewater HS/4Rivers Greenhouse: In process

• **Development Plan/Site Plan Approvals**
  • Site 37-M-SW-4 DP
  • Pershing K-8 DP
  • Site 25-E-SW-4 DP: In process
  • Site 49-E-W-4 DP: In process
### 2017/2018 Dispositions

<table>
<thead>
<tr>
<th>ID NUM</th>
<th>Acreage</th>
<th>Purchaser</th>
<th>Purchase Price</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>504-S-N-7</td>
<td>12 (4.3 usable)</td>
<td>Michael Maraschak, Trustee</td>
<td>$255,000</td>
<td>Expansion of neighboring site</td>
</tr>
<tr>
<td>Site 511-S-SE-2</td>
<td>1.45</td>
<td>Orange County</td>
<td>$630,000</td>
<td>Fire station</td>
</tr>
<tr>
<td>Site 113-H-W-4</td>
<td>0.22</td>
<td>Orange County</td>
<td>$0</td>
<td>Right-of-way improvements</td>
</tr>
<tr>
<td>Grand Avenue</td>
<td>4.1</td>
<td>City of Orlando</td>
<td>$1,550,000 *</td>
<td>Community center</td>
</tr>
</tbody>
</table>

* The purchase price paid was in satisfaction of the purchase of property for OCPS ACE
Facilities Use

FACILITIES USE MANAGEMENT
Fiscal Year 2016-2017

• Facility Use agreements generated over $5M last fiscal year with 3,664 agreements consisting of 29,294 events

<table>
<thead>
<tr>
<th>Month</th>
<th>Schedules Created</th>
<th>Number Events</th>
<th>Payments Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>16-Jul</td>
<td>283</td>
<td>820</td>
<td>$413,249.86</td>
</tr>
<tr>
<td>16-Aug</td>
<td>652</td>
<td>1321</td>
<td>$372,626.38</td>
</tr>
<tr>
<td>16-Sep</td>
<td>318</td>
<td>3353</td>
<td>$390,860.77</td>
</tr>
<tr>
<td>16-Oct</td>
<td>251</td>
<td>3562</td>
<td>$377,500.66</td>
</tr>
<tr>
<td>16-Nov</td>
<td>293</td>
<td>3297</td>
<td>$435,126.31</td>
</tr>
<tr>
<td>16-Dec</td>
<td>182</td>
<td>1877</td>
<td>$178,498.63</td>
</tr>
<tr>
<td>17-Jan</td>
<td>358</td>
<td>2461</td>
<td>$534,336.61</td>
</tr>
<tr>
<td>17-Feb</td>
<td>214</td>
<td>2980</td>
<td>$464,832.20</td>
</tr>
<tr>
<td>17-Mar</td>
<td>226</td>
<td>2787</td>
<td>$494,885.65</td>
</tr>
<tr>
<td>17-Apr</td>
<td>296</td>
<td>3203</td>
<td>$445,994.25</td>
</tr>
<tr>
<td>17-May</td>
<td>332</td>
<td>2517</td>
<td>$418,568.34</td>
</tr>
<tr>
<td>17-Jun</td>
<td>259</td>
<td>1116</td>
<td>$536,381.33</td>
</tr>
<tr>
<td>TOTALS</td>
<td>3664</td>
<td>29294</td>
<td>$5,062,860.99</td>
</tr>
</tbody>
</table>
CEA/CMA’s in FY 2016-17

- Entered into 27 Capacity Enhancement Agreements and Concurrency Mitigation Agreements resulting in:
  - $32,585,701 in pledged mitigation payments
  - $129,947,314 in prepaid impact fees
  - 5 reserved school sites

- Collected $1,853,805 in mitigation payments

- Collected $26,414,918 in prepaid impact fees

- As of January 1, 2018, new applicants will pay impact fees at time of building permit
Facilities Design & Construction

• Master Schedule
  • 2018
  • 2019 and Beyond
• Capital Renewal
• Rebates
• Owner Direct Purchase Program – Sales Tax Savings

Jeff Hart
Senior Facilities Executive Director
Orange County Public Schools

2018 Openings

- 9 Elementary and 2 K-8s = $276.8M
- 1 Relief = $41.7M
  - Audubon Park School (6)

- 9 Replacement projects = $212.9M
  - (93) Cypress Park/Durrance ES (3)
  - (98) Lake Como School (6)
  - (99) Hillcrest ES (6)
  - (105) Union Park ES (1)
  - (106) Pine Hills ES (5)
  - (124) Frangus ES (4)
  - (127) Site 207-E-W-7 (Maxey ES) (7)
  - (129) Hungerford ES (6)
  - (130) Hidden Oaks ES (2)

- 1 Comprehensive Renovation = $22.2M
  - (92) Dover Shores ES (6)
Union Park Elementary School

Anticipated Substantial Completion Date: May 23, 2018

650 student capacity ES prototype (similar to Dr. Phillips ES) & existing classroom building renovation
Anticipated Substantial Completion Date: June 8, 2018

Hidden Oaks Elementary School

650 student capacity ES prototype (similar to Ivey Lane ES)
Cypress Park/Durrance Elementary School

Anticipated Substantial Completion Date:
May 24, 2018

650 student capacity ES
Frangus Elementary School

Anticipated Substantial Completion Date: May 31, 2018

750 student capacity
ES prototype
(similar to Rock Lake ES and Oak Hill ES)
Pine Hills Elementary School

Anticipated Substantial Completion Date:
June 30, 2018

830 student capacity ES prototype (similar to Rock Lake ES and Oak Hill ES)
Orange County Public Schools

Lake Como School

Anticipated Substantial Completion Date:
May 14, 2018

1,200 student capacity K-8 prototype (first use of this prototype)
Orange County Public Schools

Audubon Park School

Anticipated Substantial Completion Date:
June 15, 2018

1,200 student capacity K-8 prototype (similar to portions of OCPS ACE)
Anticipated Substantial Completion Date: June 21, 2018

500 student capacity ES

Hillcrest Elementary School
Orange County Public Schools

Hungerford Elementary School

Anticipated Substantial Completion Date:
May 17, 2018

500 student capacity
ES prototype (similar to Laureate Park ES and Meadow Woods ES)
Orange County Public Schools

Dover Shores Elementary School

Anticipated Substantial Completion Date:
June 14, 2018

650 student capacity ES prototype (similar to Mollie Ray ES)
Orange County Public Schools

Anticipated Substantial Completion Date: May 20, 2018

650 student capacity ES prototype replacement (on a new site)

Site 207-E-W-7 Maxey Elementary School
2019 Openings

- 6 Elementary, 1 K-8, 2 Middle, 2 High School Auditoriums and 1 Transportation Facility = $277.6M

- 3 Relief = $83.5M
  - Site 25-E-SW-4 (South of Reams Road area) (4)
  - Site 37-M-SW-4 (Bridgewater area) (4)
  - Site 49-E-W-4 (Horizon West/Village H) (4)

- 5 Replacement projects = $128.3M
  - (119) Deerwood ES (2)
  - (120) Site 208-K-8-SE-3 (Pershing/Pine Castle area) (3)
  - Boone HS Auditorium (3)
  - Pine Hills Transportation Center (6)
  - Colonial HS Auditorium (2)

- 4 Comprehensive Renovation = $65.8M
  - (100) Corner Lake MS (1)
  - (116) Sunrise ES (2)
  - (111) Lake George ES (3)
  - (118) Lake Gem ES (6)
Orange County Public Schools

Corner Lake Middle School

Anticipated NTP Date: March 9, 2018

Anticipated Substantial Completion Date: July 26, 2019

1200 student capacity MS comprehensive renovation
Orange County Public Schools

Deerwood Elementary School

Anticipated NTP Date: June 1, 2018

Anticipated Substantial Completion Date: May 31, 2019

633 student capacity ES replacement
Orange County Public Schools

Sunrise Elementary School

Anticipated NTP Date:
June 13, 2018

Anticipated Substantial Completion Date:
May 1, 2019

663 student capacity ES comprehensive renovation
Orange County Public Schools

Colonial High School Auditorium

Anticipated NTP Date:  
June 8, 2018

Anticipated Substantial Completion Date:  
May 3, 2019

HS prototype auditorium, seating capacity of 852
Site 208-K8-SE-3 (Pershing/Pine Castle area)

Actual NTP Date:
Feb. 23, 2018

Anticipated Substantial Completion Date:
May 15, 2019

1,200 student capacity K-8 replacement
Anticipated NTP Date: June 13, 2018

Anticipated Substantial Completion Date: May 1, 2019

679 student capacity ES comprehensive renovation

Lake George Elementary School
Boone High School Auditorium

Anticipated NTP Date: June 1, 2018
Anticipated Substantial Completion Date: April 1, 2019

HS prototype auditorium, seating capacity of 852
Orange County Public Schools

Actual NTP Date: Feb. 23, 2018

Anticipated Substantial Completion Date: May 29, 2019

1,200 student capacity MS relief (similar to Innovation MS)

Site 37-M-SW-4 (Bridgewater area)
Site 25-E-SW-4 (South of Reams Road Area)

Anticipated NTP Date: May 11, 2018

Anticipated Substantial Completion Date: April 5, 2019

830 student capacity ES relief (similar to Oak Hill ES and Rock Lake ES)
Anticipated NTP Date: June 15, 2018

Anticipated Substantial Completion Date: May 14, 2019

830 student capacity ES relief (similar to Laureate Park ES and Meadow Woods ES)
Orange County Public Schools

Lake Gem Elementary School

Anticipated NTP Date: June 6, 2018

Anticipated Substantial Completion Date: May 1, 2019

830 student capacity ES comprehensive renovation and classroom addition
Pine Hills Transportation Facility

Actual NTP Date: September 21, 2017

Anticipated substantial completion early 2019
2020 Openings

- 5 Elementary, 1 Middle, 1 High School Gymnasium, 1 ESE Facility and 1 Alternative Ed = $172.4M

- 2 Relief = $42M
  - Site 20-E-SW-4 (I-Drive area)
  - Site 118-E-SW-5 (Holden area)

- 5 Replacement Projects = $90.1M
  - (113) Magnolia School
  - (121) Rolling Hills ES
  - (125) Winegard ES
  - (128) Pinar ES
  - Boone HS Gymnasium

- 2 Comprehensive Renovation = $40.3M
  - (65) Acceleration West
  - (108) Southwest MS
Capital Renewal Program

• Replacement of major systems and components
• Preserve the efficient operation of school facilities
• Project elements greater than $50,000
Capital Renewal Project Elements

- Site
- Roofing
- Structural
- Exterior
- Interior
- Mechanical
- Electrical
- Plumbing
- Life Safety
- Technology
- Conveyances
- Specialties
Capital Renewal Projects thru FY19-20 (1)

<table>
<thead>
<tr>
<th>Phase</th>
<th># Projects</th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning</td>
<td>127 (2)</td>
<td>65.4 M</td>
</tr>
<tr>
<td>Design/Pre-Con</td>
<td>26</td>
<td>167.4 M</td>
</tr>
<tr>
<td>Construction</td>
<td>10</td>
<td>15.7 M</td>
</tr>
<tr>
<td>Close-Out</td>
<td>8</td>
<td>12.7 M</td>
</tr>
<tr>
<td>Completed</td>
<td>114</td>
<td>41.4 M</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>285</strong></td>
<td><strong>$302.6 M</strong></td>
</tr>
</tbody>
</table>

(1) As of 1/15/18  
(2) Includes 113 potential small projects thru FY19-20  
(3) $200M threshold maintained
Items Subject to Receiving Rebate $

- HVAC Elements
- Roofing
- Ceiling Insulation
- Lighting
- Water Heaters
Orange County Public Schools

Owner Direct Purchase Program – Sales Tax Savings

**TOTAL DOLLARS ODP TAX SAVINGS**

- 2011: $3.8M
- 2012: $2.5M
- 2013: $1.7M
- 2014: $1.9M
- 2015: $1.8M
- 2016: $2.0M
- 2017: $4.9M

**TOTAL ODP SAVINGS FROM 2011 - 2017 = $18.6M**
Firm Utilization

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

- 11 A/E firms
  - 57 different sub-consultants
    - 26 certified MWBE/LDB/VBE
- 14 CM firms
  - 277 different sub-contractors
    - 124 certified MWBE/LDB/VBE
From a capital projects perspective alone, we anticipate the need for 19,000+ direct and indirect jobs associated with our projects:

- 2018 – 6,500 jobs created
- 2019 – 7,400 jobs created
- 2020 – 5,100 jobs created
Program Updates

- Digital Curriculum Program
- Districtwide Program
- Portables
- Maintenance/Grounds
- Energy Administration

K. Michael Winter
Senior Facilities Director
### Digital Curriculum Program

<table>
<thead>
<tr>
<th>Cohort</th>
<th>Year</th>
<th>ES</th>
<th>K8</th>
<th>MS</th>
<th>HS</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2013</td>
<td>3</td>
<td>-</td>
<td>3</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>2</td>
<td>2015</td>
<td>-</td>
<td>-</td>
<td>2</td>
<td>11</td>
<td>-</td>
</tr>
<tr>
<td>3</td>
<td>2016</td>
<td>1</td>
<td>1</td>
<td>-</td>
<td>10</td>
<td>-</td>
</tr>
<tr>
<td>4</td>
<td>2017</td>
<td>-</td>
<td>1</td>
<td>7</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>2018</td>
<td>-</td>
<td>5</td>
<td>25</td>
<td>-</td>
<td>1</td>
</tr>
</tbody>
</table>

(1) Count includes 9th Grade Centers at Colonial and West Orange/ESTEEM Academy
(2) Count includes 9th Grade Center at Winter Park
(3) Other includes Acceleration East and Acceleration West
(4) Other includes Gateway School
## Districtwide Project Overview

### FY 2017 Completed Projects

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Cases (Project requests without an initial funding source)</td>
<td>131</td>
</tr>
<tr>
<td>New Work Requests (School requested projects)</td>
<td>851</td>
</tr>
<tr>
<td>Portable Requests (Installations &amp; removals)</td>
<td>94</td>
</tr>
<tr>
<td>Safety/Health (Safety funded projects)</td>
<td>102</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1178</strong></td>
</tr>
</tbody>
</table>

### FY 2018 Completed Through January 31, 2018

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Cases (Deduct meters, walkway canopies)</td>
<td>135</td>
</tr>
<tr>
<td>New Work Requests (Electrical work, computer labs)</td>
<td>550</td>
</tr>
<tr>
<td>Portable Requests (Installations &amp; removals)</td>
<td>48</td>
</tr>
<tr>
<td>Safety/Health (ACFI, sidewalks, middle school asphalt tracks)</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>738</strong></td>
</tr>
</tbody>
</table>
Portable Operations

• **Supports**
  • School Requests (Enrollment/Program Fluctuations)
  • New Construction (Phasing/Removal)

• **2017 Activity**
<table>
<thead>
<tr>
<th></th>
<th>Installs</th>
<th>Disconnects</th>
</tr>
</thead>
</table>
  • School Requests     | 126      | 130         |
  • New Construction    | 57       | 249         |

• Covered Walkways
• Inventory trending downward
Portable Operations Recycling Program
(cumulative from FY07)

<table>
<thead>
<tr>
<th>Monies Received for Copper</th>
<th>Monies Received for Aluminum</th>
<th>Monies Received for Steel</th>
<th>Total Monies Received</th>
<th>Total Tons Recycled</th>
</tr>
</thead>
<tbody>
<tr>
<td>$568,912</td>
<td>$246,484</td>
<td>$36,065</td>
<td>$851,461</td>
<td>749.6 Tons</td>
</tr>
</tbody>
</table>
In 2017 maintenance technicians completed over 75,000 repair work orders.

The number of repair work orders continues to rise annually, with an increase of 21% in the last four years.
Orange County Public Schools

Hurricane Irma

Total Created vs Completed Maintenance WO's

1595
CREATED

1489
COMPLETED
Grounds

- Removed over 460 tons of storm debris from Hurricane Irma
- Landscaping projects and curb appeal
- Working with the design team on landscaping guidelines
- Mosquito prevention measures
- Pest and wildlife control
- Working with high school athletics on turf management
Performance Measures

Benchmarking Performance through the Council of the Great City Schools Annual Report “Managing for Results”
Energy Administration

- $7.3 million in savings
- LED lighting retrofit pilot
- Revitalize existing HVAC systems
- Energy efficiency program in school kitchens
- Solar electric and solar thermal systems
Sewer Deduct Metering Project

- 32 sites eligible to receive sewer deduct credits
- Total savings to-date $304,900
Communications Update

Curb Appeal Program

Lauren Roth
Senior Manager, Communications
Curb Appeal

• 23 schools 2017-18 school year
• Chosen by board members
• Irrigation repairs and improvements
• Schools volunteers help plant and spread mulch
• Board members have selected schools for the next round
Curb Appeal

- Board members selected these sites for 2017-18 Curb Appeal projects:
  - Bay Meadows ES
  - Chain of Lakes MS
  - Cheney ES
  - Citrus ES
  - Colonial 9th Grade Center
  - Edgewater HS
  - Jackson MS
  - Jones HS
  - Legacy MS
  - Liberty MS
  - Lockhart MS
  - Meadowbrook MS
  - Meadow Woods MS
  - Millennia Gardens ES
  - Olympia HS
  - Piedmont Lakes MS
  - Robinswood MS
  - Tildenville ES
  - Walker MS/Lancaster ES
  - Washington Shores ES
  - Winegard ES
  - Winter Park 9th Grade Center
Curb Appeal

Cheney Elementary School – District 1

Colonial 9th Grade Center – District 2
Curb Appeal

Winegard Elementary School – District 3

Bay Meadows Elementary School – District 4
Orange County Public Schools

Curb Appeal

Jones High School – District 5

Lockhart Middle School – District 6
Curb Appeal

•Board members identified these sites for future Curb Appeal projects:

  • Apopka High School
  • Apopka Middle School
  • Avalon Middle School
  • Bonneville Elementary School
  • Boone High School
  • Camelot Elementary School
  • Castle Creek Elementary School
  • Cherokee School
  • College Park Middle School
  • Conway Middle School
  • Discovery Middle School
  • Eccleston Elementary School
  • Endeavor Elementary School
  • ESTEEM Academy
  • Gateway School
  • Gotha Middle School
  • Howard Middle School
  • John Young Elementary School
  • Killarney Elementary School
  • Lakeville Elementary School
  • McCoy Elementary School
  • Moss Park Elementary School
  • Ocoee High School
  • Orange Center Elementary School
  • Orlo Vista Elementary School
  • Palm Lake Elementary School
  • Pinar Elementary School
  • Pineloch Elementary School
  • Positive Pathways
  • RBELC
  • Ridgewood Park Elementary School
  • Rosemont Elementary School
  • Silver Star Center
  • Three Points Elementary School
  • Union Park Middle School
  • University High School
  • Washington Shores PLC
  • West Creek Elementary School
  • Whispering Oak Elementary School
  • Wolf Lake Middle School
Asset Protection Program

Rocco Williams
Sr. Manager, Design/Asset Protection
Asset Protection Program

- Multiple security measures are in place
- District consistently assessing school safety
- Hardening schools in a variety of ways
- Coordinate with School Resource Officers and OCPS District Police
- District methods align with best practices
Capital Program Update

• Capital Program Elements
• Accelerated Capital Projects Update
• Facilities Condition Assessment Update
• Capital Program Timeline and Budget Update

Basem Ghneim
Program Manager
Program Elements

2. Capital Renewal
3. Technology Initiative
4. New Relief Schools
5. Pre-2003 Sales Tax Facilities
6. Functional Equity
7. Repurposed Facilities
## Remaining 2003 Sales Tax “List of 136”

<table>
<thead>
<tr>
<th>Pty</th>
<th>District</th>
<th>Campus</th>
<th>Type</th>
<th>Planned Opening Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>65</td>
<td>6</td>
<td>Acceleration West</td>
<td>Comprehensive</td>
<td>2020</td>
</tr>
<tr>
<td>108</td>
<td>4</td>
<td>Southwest MS</td>
<td>Comprehensive</td>
<td>2020</td>
</tr>
<tr>
<td>113</td>
<td>5</td>
<td>Magnolia School</td>
<td>Replacement</td>
<td>2020</td>
</tr>
<tr>
<td>121</td>
<td>6</td>
<td>Rolling Hills ES</td>
<td>Replacement</td>
<td>2020</td>
</tr>
<tr>
<td>125</td>
<td>3</td>
<td>Winegard ES</td>
<td>Replacement</td>
<td>2020</td>
</tr>
<tr>
<td>128</td>
<td>2</td>
<td>Pinar ES</td>
<td>Replacement</td>
<td>2020</td>
</tr>
<tr>
<td>132</td>
<td>3</td>
<td>Meadow Woods MS</td>
<td>Comprehensive</td>
<td>2021</td>
</tr>
<tr>
<td>133</td>
<td>5</td>
<td>OTC Mid-Florida Campus</td>
<td>Comprehensive</td>
<td>2022</td>
</tr>
<tr>
<td>134</td>
<td>7</td>
<td>OTC Westside Campus</td>
<td>Replacement</td>
<td>2022</td>
</tr>
<tr>
<td>135</td>
<td>6</td>
<td>OTC Winter Park Campus</td>
<td>Replacement</td>
<td>2022</td>
</tr>
<tr>
<td>136</td>
<td>5</td>
<td>OTC Orlando Campus</td>
<td>Comprehensive</td>
<td>2022</td>
</tr>
</tbody>
</table>
In 2014, four groups of Capital Projects were recommended for acceleration. Three groups have been approved.

- 4 Modular Elementary Schools
- 6 Future Relief Schools
- 2 Pre-Sales Tax List High Schools
- 8 Functional Equity Middle Schools
Accelerated Projects Update

Functional Equity Middle Schools

- Lockhart MS
- Robinswood MS
- College Park MS
- Chain of Lakes MS
- Westridge MS
- Conway MS
- Piedmont Lakes MS
- Hunter’s Creek MS
Facilities Condition Assessment (FCA) Refresh

**Timeline:**

- FCA Specialty Firm Selection: Complete
- FCA Execution: Spring 2018
- Prepare Program Update: Summer 2018
Capital Program Projected Need
(FY 2019 – 2027)

<table>
<thead>
<tr>
<th>Description</th>
<th>Need</th>
<th>Timeframe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capital Renewal</td>
<td>$ 758 M</td>
<td>2019 - 2027</td>
</tr>
<tr>
<td>Technology Initiative</td>
<td>$ 182 M</td>
<td>2019 - 2022</td>
</tr>
<tr>
<td>New Relief Schools</td>
<td>$ 724 M</td>
<td>2019 - 2027</td>
</tr>
<tr>
<td>Pre-2003 Sales Tax Facilities</td>
<td>$ 285 M</td>
<td>2023 - 2026</td>
</tr>
<tr>
<td>Functional Equity (8 MS)</td>
<td>$ 55 M</td>
<td>2019 - 2022</td>
</tr>
<tr>
<td>Repurposed Facilities</td>
<td>$ TBD</td>
<td>2019 - 2022</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$2.443 Billion</td>
<td></td>
</tr>
</tbody>
</table>

Projected Funding through Fiscal Year 2027 from Sales Tax, Impact Fees, and Capital Improvement Tax (CIT) sources will adequately offset the overall capital need.
## Capital Program (FY 2019)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2003 Sales Tax List</td>
<td>$722 M</td>
<td></td>
<td>$439 M</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capital Renewal</td>
<td>$196 M</td>
<td></td>
<td></td>
<td>$758 M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technology Initiative</td>
<td></td>
<td>$47 M</td>
<td>$182 M</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Relief Schools</td>
<td>$333 M</td>
<td></td>
<td></td>
<td>$724 M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pre-2003 Sales Tax List</td>
<td></td>
<td></td>
<td></td>
<td>$285 M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Functional Equity (MS)</td>
<td></td>
<td></td>
<td>$55 M</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Repurposed Facilities</td>
<td></td>
<td></td>
<td>TBD</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Chief Facilities Officer, John Morris

Next Steps

• Safety
• FF&E – 21st Century
• Facilities Condition Assessment Report
Superintendent’s Comments

School Board Questions and Discussion