



# COVE Meeting

CITIZENS' CONSTRUCTION OVERSIGHT AND VALUE ENGINEERING

September 15, 2016

# COVE Meeting Agenda

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Thursday, September 15, 2016 @ 8:00 a.m.  
Facilities Services - Building 200  
6501 Magic Way, Orlando, Florida 32809

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

- Chairman Comments

**II. Presentations/Reports**

- Student Enrollment Projections - Carol McGowin/Tom Moore
- Community Update - Lauren Roth

**III. Departmental Reports**

- Project Status Report - Regina Frazier-Thomas/Jeff Hart --- Pg. 4-10
- Change Order Update - Ben Guida ----- Pg. 11-24
- Capital Renewal Update - Mike Winter ----- Pg. 25-27

**IV. Discussion and Adjournment**

- Next meeting will be held on October 20, 2016.

# COVE Meeting Minutes

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The Construction Oversight and Value Engineering Committee (COVE) monthly meeting convened on Thursday June 16, 2016 at 8:00 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, and Stuart Kramer.

**OCPS Staff in Attendance:** John Morris, Judith Padres, Dale Kelly, Laura Kelly, Jeff Hart, Regina Frazier-Thomas, Mike Winter, Mariel Milano, Alva Johnson, Linda Lindsey, Rocco Williams, Bernard Guida, Ed Ames, Joycelyn Henson, Toni Greene, Basem Ghneim, and Sandra Roopwah (as scribe).

## Call to Order:

A quorum was established and Chairman Ksenia Merck called the meeting to order at 8:07 a.m.

### I. Approval of Minutes

The minutes from May 19, 2016 were presented and approved unanimously by the Committee.

### II. Departmental Reports

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

- Dale Kelly

- Provided an update for FY16 sales tax forecast compared to collections. Sales tax collections are currently \$9.3 million over budget, impact fee collections are \$11 million under budget, and property tax collections are currently on budget.
- The public hearing on the total budget, which includes the capital budget, is tentatively scheduled for July 26, 2016.
- OCPS will maintain the \$200 million threshold for the capital renewal fund in accordance with COVE's recommendations. The balance is currently about \$544 million.

- Judith Padres

- There were no amendments to the report for this period.

- Questions/Comments

- Discussion ensued as to how OCPS missed the impact fees budget by 20 percent and the volatility and inability to predict impact fees.

- Pat Knipe asked for an explanation of “pre-encumbrance.” Dale explained a “pre-encumbrance” is when funds have been requested for a project, but a purchase order has not yet been approved.

➤ **Project Status – Regina Frazier-Thomas/Jeff Hart**

- Regina Frazier-Thomas
  - Monthly status update for new/replacement and comprehensive projects. There were no significant changes to be made to the report this month.
- Follow-up
  - As a follow-up from last COVE meeting, a column was added to the report to indicate the primary funding source use for each project.
- Jeff Hart
  - There are currently 15 projects under construction amounting to approximately \$480 million.
  - Three projects have received CFI’s (Lake Whitney ES, Apopka ES, and Westridge MS Phase II) and were approved by the School Board on May 24, 2016.
- Comments/Questions
  - Pat Knipe asked how OCPS determines the funding source for each project. Judith said if the project is growth related (new projects) then the funding source will likely be impact fees. However, if the project is from the sales tax project list, then it would be funded from the sales tax fund.
- Action Items
  - COVE Members asked Judith to provide a comparison of the increase between construction prices and sales tax collection.

➤ **Change Order Report – Bernard Guida**

- Discussion
  - There were no significant change orders or amendments to report for the month of May.

III. **Presentation**

- Technology Update
  - Mariel Milano and Mike Winter presented an overview of the methodology used to evaluate the digital learning components.
  - The devices have a four year life cycle, and students return the devices at the end of the school year. During this period the devices

are cleaned and updated to prepare for the next year.

- Lenovo feature set device products and Windows 8.1 platform were selected. 73,000 HP310 devices will be purchased at \$542.00 each.

- Comments/Questions

- Fred MacDonald asked if the process for selecting technological components for digital curriculum has been shared with other school districts. Mariel said the process has been shared.
- Pat Knipe asked how many districts in Florida are at the same level as OCPS. Mariel responded presently, there is no other district that has all its high schools using one-to-one devices.
- Stuart Kramer questioned if OCPS has implemented a disposal plan for the devices. Mariel said there are several plans that are being discussed but at this time none has been approved by the School Board.

IV. Adjournment

- The Committee unanimously voted to cancel July COVE Meeting.
- There being no further business the meeting was adjourned at 9:07 a.m.
- The next meeting will be held on Thursday, August 18, 2016, at 8 a.m., at Facilities Services, 6501 Magic Way, Bldg. 200, Orlando, FL 32809.

**Minutes Authenticated by:**

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**Ksenia Merck**  
Chairman COVE Committee

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Date of approval

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**Laura Kelly**  
Legal Services Facilities

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Date of approval



PROJECT STATUS SUMMARY REPORT

NEW AND REPLACEMENT SCHOOLS

September 6, 2016

Funding Source	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 ODP Change Orders		Approved Construction		F6 # of Days Past Substantial Completion (close-out)	Contract Type	CM / GC Firm	AE Firm	
									Amount	#	Deducts	#	NTP	Construct.					Contract Subst. Com.
Budget													Schedule			Contracting			
<b>PLANNING PHASE</b>																			
Sales Tax	103	Durrance ES	11,800,000	11,600,000	23,400,000	23,400,000													
Sales Tax	129	Hugerford ES	10,600,000	5,450,000	16,050,000	16,050,000													
Sales Tax	120	Pershing/Pine Castle K8	38,400,000	4,400,000	42,800,000	42,800,000													
		<b>Sub Total</b>	<b>60,800,000</b>	<b>21,450,000</b>	<b>82,250,000</b>	<b>82,250,000</b>													
<b>DESIGN PHASE</b>																			
Impact	New	K8 Site 133-K8-E-6	42,700,000	-	42,700,000	42,700,000													
Sales Tax	New	K8 Site 205-K8-SW-6	37,300,000	3,500,000	40,800,000	40,800,000													
Sales Tax	124	Frangus ES	16,900,000	3,900,000	20,800,000	20,800,000													
Sales Tax	130	Hidden Oaks ES	16,400,000	3,000,000	19,400,000	19,400,000													
Sales Tax	127	Maxey ES	10,000,000	6,000,000	16,000,000	16,000,000													
Sales Tax	106	Pine Hills ES	17,800,000	3,100,000	20,900,000	20,900,000													
CIT	New	Pine Hills Transportation	27,197,864	-	27,197,864	27,197,864													
		<b>Sub Total</b>	<b>168,297,864</b>	<b>19,500,000</b>	<b>187,797,864</b>	<b>187,797,864</b>													
<b>CONSTRUCTION PHASE</b>																			
Impact	Relief	HS Site 27-H-W-4	97,821,160	(4,321,160)	93,500,000	93,418,838	(81,162)	70,240,787	(90,415)	9	(17,560,197)	2	12/16/2015	6/12/2017		GMP	Wharton	Schenkel	
Impact	Relief	MS Site 21-M-E-2	37,600,000	512,000	38,112,000	38,112,000	-	30,047,858	- 0	(7,511,965)	1	2/1/2016	5/31/2017		GMP	Pirtle	Hunton Brady		
Impact	Relief	ES Site 44-E-SE-2	18,720,000	695,000	19,415,000	19,415,000	-	15,635,581	- 0	(3,908,895)	1	6/24/2016	4/28/2017		GMP	Morganti	Schenkel		
Impact	Relief	MS Site 52-M-SE-2	36,771,000	(2,651,000)	34,120,000	33,854,851	(265,149)	26,526,295	- 0	(6,631,574)	1	3/4/2016	5/31/2017		GMP	Wharton	Harvard Jolly		
Impact	Relief	ES Site 84-E-W-4	18,700,000	1,780,000	20,480,000	20,480,000	-	15,133,122	- 0	(3,785,931)	1	6/7/2016	7/31/2017		GMP	Gilbane	Harvard Jolly		
Sales Tax	New	PS8 Site 131-PS8-SW-5	60,750,000	-	60,750,000	60,750,000	-	51,499,557	- 0	(14,000,000)	1	4/16/2015	6/16/2017		GMP	Williams Co	Baker Barrios		
Sales Tax	90	Carver MS	37,800,000	500,000	38,300,000	38,300,000	-	31,122,179	136,722	1	(7,780,545)	1	1/22/2016	11/17/2017		GMP	Walker & Co	Hunton Brady	
Sales Tax	94	Engelwood ES	19,100,000	-	19,100,000	18,797,475	(302,525)	14,598,872	- 0	(3,649,718)	1	6/21/2016	8/1/2017		GMP	CPPI	Rhodes & Brito		
Sales Tax	117	Ivey Lane ES	16,900,000	2,400,000	19,300,000	18,762,308	(537,692)	14,642,282	- 0	(3,661,268)	1	8/1/2016	10/3/2017		GMP	Gilbane	Harvard Jolly		
Sales Tax	122	Meadow Woods ES	19,520,000	1,480,000	21,000,000	20,435,583	(564,417)	15,390,014	- 0	(3,621,751)	1	6/7/2016	9/12/2017		GMP	Welbro	Schenkel		
Sales Tax	96	Oak Hill ES	16,820,000	2,080,000	18,900,000	18,900,000	-	15,071,803	- 0	(3,767,950)	1	7/21/2016	9/29/2017		GMP	Clancy	BRPH		
Sales Tax	102	Rock Lake ES	17,000,000	4,600,000	21,600,000	21,359,322	(240,678)	16,904,237	- 0	(4,500,000)	1	7/25/2016	10/2/2017		GMP	Williams Co	BRPH		
Sales Tax	91	Tangelo Park ES	17,400,000	700,000	18,100,000	17,821,518	(278,482)	13,337,328	598,316	1	(3,334,332)	1	7/1/2015	9/16/2016		GMP	Clancy	BRPH	
Sales Tax	123	Ventura ES Replacement	25,600,000	600,000	26,200,000	26,200,000	-	18,338,709	(82,867)	8	(4,292,317)	1	10/1/2015	2/14/2017		GMP	Turner	Schenkel	
		<b>Sub Total</b>	<b>440,502,160</b>	<b>8,374,840</b>	<b>448,877,000</b>	<b>446,606,895</b>	<b>(2,270,105)</b>	<b>348,488,624</b>	<b>561,757</b>	<b>19</b>	<b>(88,006,441)</b>	<b>15</b>							
<b>CLOSE OUT PHASE</b>																			
Impact	Relief	Bay Lake ES (Site 117-E-SW-4)	18,600,000	380,000	18,980,000	18,863,386	(116,614)	15,209,375	(84,076)	5	(3,802,344)	1	10/1/2015	7/18/2016	50	GMP	Pirtle	Schenkel	
Sales Tax	75	Lake Weston ES Replacement	16,519,000	-	16,519,000	15,615,821	(903,179)	12,377,841	(41,072)	4	(3,234,487)	3	8/21/2014	7/8/2015	426	GMP	McCree	BRPH	
Impact	Relief	Millennia Garden ES (Site 81-E-SW-5)	16,300,000	350,000	16,650,000	16,471,623	(178,377)	12,849,000	2,030	4	(3,424,444)	3	7/9/2015	6/3/2016	95	Hardbid	Wharton	Rhodes&Brito	
Impact	New	Wedgfield School (Site 2-K8-E-1)	36,660,952	(1,600,952)	35,060,000	34,333,451	(726,549)	26,232,343	195,793	2	(6,558,086)	1	5/5/2015	6/30/2016	68	GMP	Pirtle	Zyscovich	
		<b>Sub Total</b>	<b>88,079,952</b>	<b>(870,952)</b>	<b>87,209,000</b>	<b>85,284,281</b>	<b>(1,924,719)</b>	<b>66,668,559</b>	<b>72,675</b>	<b>15</b>	<b>(17,019,361)</b>	<b>8</b>							
<b>Grand Total</b>			<b>757,679,976</b>	<b>48,453,888</b>	<b>806,133,864</b>	<b>801,939,040</b>	<b>(4,194,824)</b>	<b>415,157,183</b>	<b>634,432</b>	<b>34</b>	<b>(105,025,802)</b>	<b>23</b>							

**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 2016-2017). There are no land costs included.
- F4 - Reflects total number of change orders and cumulative change order amount. Does not include ODP deductive and reconciliation change orders.
- F5 - Reflects the total amount and number of ODP deductive and reconciliation change orders to date.
- F6 - Reflects number of days beyond substantial completion. See justification below under Close Out Delays.
- F7 - Report reflects approved changes as of the date reflected.

**Change Orders / Construction Change Directives**

Tangelo Park ES - CCD#2 in the amount of \$738,944.00 Reconfiguration of wet and dry ponds.

**Close Out**

Awaiting Audit:

Submitted for Audit:

Close Out Delays:

Lake Weston ES CFI delayed due to: 1) finalizing / processing Change Orders and Contingency Requests 2) AE Punch List completion and verification 3) Various Close out items.



**PROJECT STATUS SUMMARY REPORT  
COMPREHENSIVE SCHOOLS**

September 6, 2016

Funding Source	Priority #	School Name	F1 Original 2016 Board Adopted Budget	F2 Adopted Budget Changes	F3 Current Board Adopted Budget	Est. Cost At Completion	Variance	GMP Amount * Early Site Package	F4 Construction Change Orders		F5 ODP Change Orders		Approved Construction		F6 Number of Days Past Substantial (Close-out)	Contract Type	CM / GC Firm	AE Firm
									Amount	#	Deduct	#	NTP Construct	Contract Subst. Com				
Budget										Schedule		Contracting						
<b>PLANNING PHASE</b>																		
Sales Tax	100	Corner Lake MS	21,600,000	-	21,600,000	21,600,000												
Sales Tax	99	Hillcrest ES	12,200,000	6,300,000	18,500,000	18,500,000												
Sales Tax	105	Union Park ES	13,700,000	4,200,000	17,900,000	17,900,000												
		<b>Sub Total</b>	<b>47,500,000</b>	<b>10,500,000</b>	<b>58,000,000</b>	<b>58,000,000</b>												
<b>DESIGN PHASE</b>																		
Sales Tax	93	Cypress Park ES	9,300,000	10,477,000	19,777,000	19,777,000												
Sales Tax	92	Dover Shores ES	21,220,000	930,000	22,150,000	22,150,000												
		<b>Sub Total</b>	<b>30,520,000</b>	<b>11,407,000</b>	<b>41,927,000</b>	<b>41,927,000</b>												
<b>CONSTRUCTION PHASE</b>																		
Sales Tax	114	Mollie Ray ES	21,700,000	(2,490,000)	19,210,000	19,041,213	(168,787)	14,237,226	-	0	(3,559,307)	1	7/27/2016	5/15/2017		GMP	Pirtle	Rhodes & Brito
Sales Tax	88	Riverside ES	16,780,000	(230,000)	16,550,000	16,456,695	(93,305)	12,640,028	104,903	3	(3,160,070)	1	8/17/2015	10/20/2016		GMP	Welbro	Harvard Jolly
		<b>Sub Total</b>	<b>38,480,000</b>	<b>(2,720,000)</b>	<b>35,760,000</b>	<b>35,497,908</b>	<b>(262,092)</b>	<b>26,877,254</b>	<b>104,903</b>	<b>3</b>	<b>(6,719,377)</b>	<b>2</b>						
<b>CLOSE OUT PHASE</b>																		
Sales Tax	78	Cypress Creek HS Comp	58,885,000	-	58,885,000	57,898,561	(986,439)	41,999,829	489,096	22	(9,540,000)	4	11/19/2013	05/24/2016	105	GMP	Wharton	C.T. Hsu
Sales Tax	58	Dr. Phillips HS Comp	66,620,000	-	66,620,000	65,882,556	(737,444)	48,709,730	1,144,295	58	(12,728,507)	5	09/19/2012	06/11/2015	453	GMP	J.A. Cummings	C.T. Hsu
Sales Tax	89	Dream Lake ES	18,100,000	258,305	18,358,305	17,803,825	(554,480)	13,714,939	251	2	(3,503,622)	1	7/13/2015	6/13/2016	85	GMP	Charles Perry	Harvard Jolly
Sales Tax	87	Lockhart ES	17,100,000	50,000	17,150,000	16,913,774	(236,226)	12,976,581	-	0	(3,244,145)	1	7/16/2015	6/30/2016	68	GMP	Morganti	Hunton Brady
		<b>Sub Total</b>	<b>160,705,000</b>	<b>308,305</b>	<b>161,013,305</b>	<b>158,498,716</b>	<b>(2,514,589)</b>	<b>117,401,079</b>	<b>1,633,642</b>	<b>82</b>	<b>(29,016,274)</b>	<b>11</b>						
<b>Grand Total</b>			<b>277,205,000</b>	<b>19,495,305</b>	<b>296,700,305</b>	<b>293,923,624</b>	<b>(2,776,681)</b>	<b>144,278,333</b>	<b>1,738,544</b>	<b>85</b>	<b>(35,735,650)</b>	<b>13</b>						

**Footnotes**

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- 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:  
**Dr. Phillips HS** - CFI delayed due to 1) finalizing/processing Contingency requests and Change Orders 2) CM delay in completing AE consolidated punch list items 3) various close out items.

## Construction Update as of September 6, 2016

We currently have **16 projects under construction** amounting to approx. **\$485M**.

### **2 – Comprehensive = \$35,760,000**

- **Riverside ES-** (Comprehensive Renovation) – NTP was issued August 17<sup>th</sup>, 2015, and the initial phase involving the replacement of the core facilities and classrooms was scheduled to be substantially complete on June 23<sup>rd</sup>, 2016; however, was extended to July 11, 2016. Actual substantial completion was achieved on July 28, 2016. In addition, the renovation of an existing classroom building was to be completed by August 2<sup>nd</sup>, 2016, and was actually completed August 8, 2016. The balance of the project, involving the demolition of the remaining existing buildings and new site amenities is scheduled to be completed by October 20<sup>th</sup>, 2016.
- **Mollie Ray ES -** (Replacement/Renovation) – NTP was issued July 27, 2016, and involves a complete replacement of the core facilities and classrooms. An existing adjacent classroom building currently remaining, will be also be demolished. Overall substantial completion is scheduled for May 15, 2017. Due to the required scope of work and site limitations, school functions have been temporarily relocated (swung) to Clarcona ES for the 2016-2017 school year.

**And,**

### **14 - New/Replacements = \$448,877,000**

- **Tangelo Park ES** (Replacement) – NTP was issued on July 1<sup>st</sup>, 2015, and the revised substantial completion involving new core area and classroom facilities was scheduled for substantial completion by June 9, 2016; however, due to unforeseen off-site utility permitting conflicts between the City and the County, an additional time extension up to 29 additional days was granted, revising the phase 1 substantial completion to July 8, 2016. Actual completion was achieved on July 29, 2016. In addition, the bus loop area and completion of the main entry roadway occurred over the summer break, and was to be substantially complete by August 5<sup>th</sup>; however, was completed on August 10<sup>th</sup>, 2016. The final phase involving site work where existing buildings were demo'd, is scheduled to be completed by September 16, 2016.
- **Ventura ES** (Replacement)- Early phase NTP was issued on October 1<sup>st</sup>, 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 was completed on December 23, 2015. The main building phase NTP involving the replacement of the core facilities and classrooms was issued on December 21, 2015, and is to be substantially complete by September 30,



2016; however, based on current progress, will not be completed until late November/Early December. In addition, a series of subsequent phases are involved to allow for site related scopes to be completed for an overall project completion of February 14, 2017. This date too, will change.

- **Site 27-H-W-4** (West Orange Area HS Relief) – Early phase NTP was issued on December 16, 2015 for all of the site related scope of work. The main building package NTP was issued on March 18, 2016, and the early and main building packages are scheduled to be substantially completed by May 31, 2017 and June 12, 2017, respectively.
- **Carver MS** (Replacement) – NTP was issued on January 22, 2016, and the initial substantial completion involving new core area and classroom facilities is scheduled for May 17, 2017. The bus loop area is to occur over the following summer, and the final phase involving the existing building demo and site work is schedule for November 17, 2017.
- **Site 21-M-E-2** – (Avalon Park Area MS Relief) – NTP was issued on February 1<sup>st</sup>, 2016, and the substantial completion is scheduled for May 31, 2017.
- **Site 52-M-SE-2** – (Lake Nona Area MS Relief) - NTP was issued on March 4<sup>th</sup>, 2016, and the substantial completion is scheduled for May 31, 2017.
- **Site 131- PS8-SW-5** – (Downtown Area PS8 Relief) - NTP was issued on March 18<sup>th</sup>, 2016, and the substantial completion is scheduled for June 16, 2017.
- **Site 84-E-W-4** (Metrowest relief) - construction NTP was issued on June 7, 2016 and the substantial completion is scheduled for June 30, 2017, with subsequent building renovation and site work by July 31, 2017.
- **Meadow Woods ES** (Replacement) - construction NTP for an early site package was issued on June 7, 2016 with a substantial completion date of July 29, 2016; however, actual completion was not until August 12, 2106. The main building package construction NTP was issued on July 11, 2016, with a June 15, 2017 substantial completion date.
- **Engelwood ES** (Replacement) - construction NTP was issued on June 21, 2016 with a substantial completion date of May 18, 2017. A subsequent retention pond expansion is scheduled to be completed by August 1, 2017.
- **Site 44-E-SE-2** (Lake Nona Area ES Relief) – construction NTP was issued on June 24, 2016, and the substantial completion is scheduled for April 28, 2017.
- **Rock Lake ES** - (Replacement) - construction NTP was issued on July 25, 2016 with a main building substantial completion date of May 30, 2017. Subsequent existing building demo and related site work is scheduled to be completed by October 2, 2017.
- **Oak Hill ES** (Replacement) - construction NTP was issued on July 21, 2016 with a main building substantial completion date of May 31, 2017. Subsequent existing building demo and related site work is scheduled to be completed by September 29, 2017.

- **Ivey Lane ES** (Replacement) - construction NTP was issued on August 1, 2016 with a main building substantial completion date of May 31, 2017. Subsequent existing building demo and related site work is scheduled to be completed by October 3, 2017.

Since our report in June:

### Substantial Completions

- **Dream Lake ES-** (Comprehensive Renovation) – Overall substantial completion was achieved on June 24, 2016.
- **Millennia Gardens ES** (Relief) – Overall substantial completion was achieved June 27, 2016.
- **Bay Lake ES** (Relief) - Overall substantial completion was achieved July 7, 2016, 11 days ahead of schedule.
- **Wedgfield School** (Relief) – Overall substantial completion was achieved July 13, 2016.
- **Riverside ES** – (Comprehensive/Replacement) – initial substantial completion of a new core building and renovated classroom building was achieved on July 28 and August 5, 2016.
- **Tangelo Park ES** (Replacement) – initial substantial completion of a new core and classroom building was achieved on July 29 and a new bus loop and entry drive were completed on August 10, 2016.
- **Lockhart ES** - (Comprehensive) – Overall substantial completion was achieved on July 29, 2016.
- **Lake Como/Kaley K8** – completed modifications to Kaley ES campus to accommodate the swinging of Lake Como students to Kaley ES for the next two years.
- **Ventura ES** (Replacement) - interim phase completion of the permanent Bus loop was achieved early August.
- **Meadow Woods ES** (Replacement) – Early demo with a new bus loop was completed on August 12, 2016.

### New Starts

- **Engelwood ES** (Replacement) - construction NTP was issued June 21, 2016.
- **Meadow Woods ES** (Replacement) – core and classroom building construction NTP was issued June 21, 2016.
- **Site 44-E-SE-2** (Lake Nona area relief) - construction NTP was issued June 24, 2016.
- **Rock Lake ES** (Replacement) - construction NTP was issued July 25, 2016.
- **Oak Hill ES** (Replacement) - construction NTP was issued July 21, 2016.
- **Ivey Lane ES** (Replacement) - construction NTP was issued August 1, 2016.

- **Mollie Ray ES** (Replacement) - construction NTP was issued July 27, 2016.
- **Dover Shores ES** (Replacement/Renovation) - design NTP was issued on July 1, 2016.
- **Frangus ES** (Replacement) - design NTP was issued on August 2, 2016.
- **Pinehills ES** (Replacement) - design NTP was issued on August 2, 2016.
- **Hidden Oaks ES** (Replacement) - design NTP was issued on July 29, 2016.
- **Site 207-E-W-7** (Maxey ES Replacement) - design NTP was issued on August 5, 2016.

#### Anticipated future milestones:

- **Cypress Park ES** (Replacement/Renovation) - Phase III design submission was due August 15, 2016; however is approx. 2 months behind, and the projected construction NTP of September 30, 2016 will not occur. It is more than likely this project will have to be moved to a 2018 opening.
- **Site 205-K8-SW-6** (Lake Como/Kaley K8 Replacement) Phase III design submission is due September 19, 2016.
- **Site 133-K8-N-6** (Audubon Park Area Replacement) – continuation of redesign, with a November 7, 2016 Phase III design submission.
- **Pine Hills Transportation Compound** (Design/Build Replacement) - Phase III design submission is due November 7, 2016.
- **Durrance ES** (Replacement) - design NTP remains pending due to real estate transactions pending and site due diligence.
- **Hungerford ES** (Replacement/Renovation) - design NTP is expected to be issued early September 2016.
- **Union Park ES** (Replacement/Renovation) - design NTP is expected to be issued early September 2016.
- **Hillcrest ES** (Replacement/Renovation) - design NTP is expected to be issued mid-September 2016.
- **Corner Lake MS** (Comprehensive Renovation) - design NTP is expected to be issued late September 2016.
- **Pershing/Pine Castle K8** (Replacement) - design NTP is expected to be issued October 2016.

For:

#### Close-out

- Three (3) projects had their CFIs submitted and approved at the August 9<sup>th</sup> Board meeting:
  - Clay Springs ES

- Independence ES
- Eagle Creek ES
- And one project had its CFI submitted and approved at the August 23<sup>rd</sup> Board meeting:
  - Lovell ES
- We now have 8 projects in close-out:
  - Cypress Creek HS – substantial completion was achieved on May 24, 2016.
  - Lake Weston ES - (Replacement) - substantial completion was achieved on July 8, 2015. CFI expected to be placed on the late September Board agenda.
  - Dr. Phillips HS - (Comprehensive Renovation) - final substantial completion was achieved on June 11<sup>th</sup>, 2015.
  - Dream Lake ES- (Comprehensive Renovation) – substantial completion was achieved on June 24, 2016.
  - Millennia Gardens ES (Relief) – substantial completion was achieved June 27, 2016.
  - Bay Lake ES (Relief) - substantial completion was achieved July 7, 2016.
  - Wedgefield School (Relief) – substantial completion was achieved July 13, 2016.
  - Lockhart ES - (Comprehensive) – substantial completion was achieved on July 29, 2016.

### Design

- We currently have **9** projects in the design phase:
  - Site 133-K8-N-6 (Audubon Park Area)
  - Site 205-K8-SW-6 (Lake Como/Kaley K8)
  - Pine Hills Transportation Compound
  - Cypress Park ES
  - Dover Shores ES
  - Frangus ES
  - Pinehills ES
  - Hidden Oaks ES
  - Site 207-E-W-7 (Maxey ES)

# Change Orders Report

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Facilities & Construction Contracting  
June 2016

There is one (1) significant change order or amendment to report for the month of June 2016.

	* K-8 School Site 133-K8-N-6	Additional design services for prototype redesign due to poor soil conditions for new relief school project. (Est. Constr. Cost \$3,280,000)	Baker Barrios Architects, Inc.	Amendment No. 03 to Agreement No. 1308RUSCON003BAKER for Architectural & Engineering Services RFQ No. 1308PS	\$917,575	Board / John T. Morris, Chief Facilities Officer	6/23/16
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\* Not Funded by Sales Tax or Capital Renewal

MAY 2016 – CHANGE ORDERS AND AMENDMENTS

IV. CHANGE ORDERS APPROVED								
ITEM NO.	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	DOC #	C.O. AMOUNT	APPROVAL REQUIRED	CPSC DATE
1	Apopka HS	Final GMP reconciliation for comprehensive needs project.	Welbro Building Corporation, Inc.	Agreement No. 13CM11SCONWELBRO for Construction Management Services RFQ No. 13CM11	Change Order No. 07 to GMP No. 01	(\$44,487)	John T. Morris, Chief Facilities Officer	5/12/16
2	Cypress Creek HS	Installation of a new electrical feeder from the main electrical room in building 400 to the bus entrance guard shack and providing empty conduit to feed proposed marquee for comprehensive needs project.	Wharton-Smith, Inc.	Agreement No. 11CM11SCONWHARTON for Construction Management Services RFQ No. 11CM11	CCD No. 12 to GMP No. 02	\$25,092	John T. Morris, Chief Facilities Officer	5/5/16
3	Cypress Creek HS	Reconciliation of CCD No. 01 (\$25,000) for re-routing the existing utilities to avoid conflict with the new emergency access road elevation at no cost for comprehensive needs project.	Wharton-Smith, Inc.	Agreement No. 11CM11SCONWHARTON for Construction Management Services RFQ No. 11CM11	Change Order No. 24 to GMP No. 02	\$0	Sr. Facilities Executive Director	5/5/16
4	Dr. Phillips HS	Reconciliation of CCD No. 13 (\$22,188) for furnishing and installation of framing, gypsum and stucco work to repair existing entry soffits at building 300 for comprehensive needs project.	James A. Cummings, Inc., a Tutor Perini Company	Agreement No. 10CM18SCONJACUMMINGS for Construction Management Services RFQ No. 10CM18	Change Order No. 61 to GMP No. 01	\$18,471	Sr. Facilities Executive Director	5/5/16

MAY 2016 – CHANGE ORDERS AND AMENDMENTS

IV. CHANGE ORDERS APPROVED								
ITEM NO.	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	DOC #	C.O. AMOUNT	APPROVAL REQUIRED	CPSC DATE
5	Dr. Phillips HS	Deletion of materials and labor for Bahia sod and Bahia seed for comprehensive needs project.	James A. Cummings, Inc., a Tutor Perini Company	Agreement No. 10CM18SCONJACUMMINGS for Construction Management Services RFQ No. 10CM18	Change Order No. 62 to GMP No. 01	(\$27,915)	John T. Morris, Chief Facilities Officer	5/19/16
6	Dr. Phillips HS	Reconciliation of CCD No. 37 (\$31,830.00) for storm drainage revision including new pipe, concrete structure and tie-end to new and existing storm structure north of football stadium for building 800 for comprehensive needs project.	James A. Cummings, Inc., a Tutor Perini Company	Agreement No. 10CM18SCONJACUMMINGS for Construction Management Services RFQ No. 10CM18	Change Order No. 63 to GMP No. 01	\$31,830	John T. Morris, Chief Facilities Officer	5/19/16
7	* Elementary School Site 81-E-SW-5	Furnishing and installing metal shelving units and residential appliances for new relief school project.	Wharton-Smith, Inc.	Agreement No. 15CC09WHARTON for Contractual Services Bid No. 15CC09	Change Order No. 07	\$17,990	Sr. Facilities Executive Director	5/12/16
8	* High School Site 27-H-W-4	Layout revisions of Pond 100 & Pond 100 A, relocated practice fields, tennis courts, green house and shade house for new relief school project.	Wharton-Smith, Inc.	Agreement No. 15CM13SCONWHARTON for Construction Management Services RFQ No. 15CM13	Change Order No. 05 to GMP No. 01	(\$144,158)	Superintendent / John T. Morris, Chief Facilities Officer	5/12/16

MAY 2016 – CHANGE ORDERS AND AMENDMENTS

IV. CHANGE ORDERS APPROVED								
ITEM NO.	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	DOC #	C.O. AMOUNT	APPROVAL REQUIRED	CPSC DATE
9	Lake Weston ES Replacement	Eight (8) days time extension due to bathrooms grab bar changes to comply with the Americans with Disabilities Act and manufacturer's emergency light fixtures for new replacement school project.	McCree Design Builders, Inc.	Agreement No. 13CM13SCONMCCREE for Construction Management Services RFQ No. 13CM13	Change Order No. 07 to GMP No. 01	\$0	Sr. Facilities Executive Director	5/26/16
10	*Orange Technical College - Mid-Florida Campus	Thirty-seven (37) days time extension due to owner's replacement of chillers not completed timely causing work concurrent with the test and balancing for the construction project to result in the delay of the certificate of occupancy for new work project.	Wharton-Smith, Inc.	Work Authorization No. 12CM14028B for Construction Management Services RFQ No. 12CM14	Change Order No. 01	\$0	Sr. Facilities Executive Director	5/26/16
11	Riverside ES	Reconciliation of CCD No. 1 (\$40,664.32) for the onsite water and waste water system modifications to comply with Orange County Utilities design to review comments and regulations for comprehensive needs project.	Welbro Building Corporation, Inc.	Agreement No. 14CM20SCONWELBRO for Construction Management Services RFQ No. 14CM20	Change Order No. 02 to GMP No. 01	\$28,223	John T. Morris, Chief Facilities Officer	5/26/16



MAY 2016 – CHANGE ORDERS AND AMENDMENTS

IV. CHANGE ORDERS APPROVED								
ITEM NO.	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	DOC #	C.O. AMOUNT	APPROVAL REQUIRED	CPSC DATE
12	* Ronald Blocker Educational Leadership Center	Thirty-five (35) days time extension (exclude general conditions) due to project closing caused by delay issues related to a separate project (Elevator Modernization) for HVAC upgrade for district capital project.	Clancy & Theys Construction Company	Agreement No. 14CM07SCONCLANCY for Construction Management Services RFQ No. 14CM07	Change Order No. 04 to GMP No. 02	\$0	Sr. Facilities Executive Director	5/12/16
13	Westridge MS	Final GMP reconciliation for Phase 2 athletic and play fields for comprehensive needs project.	Clancy & Theys Construction Company	Work Authorization No. 12CM14017B for Construction Management Services RFQ No. 12CM14	Change Order No. 04	(\$182,269)	John T. Morris, Chief Facilities Officer	5/5/16
TRANSACTIONAL CHANGE ORDERS								
14	Lake Weston ES Replacement	Final ODP reconciliation for new replacement school project.	McCree Design Builders, Inc.	Agreement No. 13CM13SCONMCCREE for Construction Management Services RFQ No. 13CM13	Change Order No. 06 to GMP No. 01	\$165,513	John T. Morris, Chief Facilities Officer	5/12/16

MAY 2016 – CHANGE ORDERS AND AMENDMENTS

II. CONTRACTS AMENDED							
ITEM NO.	SCHOOL	Reason Change	NAME OF FIRM	DESCRIPTION OF SERVICES	AMENDMENT	APPROVAL REQUIRED	CPSC DATE
1	District-Wide	Staffing schedule modification for continuing contract.	Clancy & Theys Construction Company	Amendment No. 02 to Agreement No. 12CM14CCONCLANCY for Construction Management Services RFQ No. 12CM14	\$0	Sr. Facilities Executive Director	5/19/16
2	District-Wide	Staffing modification to replace staff personnel for continuing contract.	H. J. High Construction Company	Amendment No. 01 to Agreement No. 12CM14CCONHJHIGH for Construction Management Services RFQ No. 12CM14	\$0	Sr. Facilities Executive Director	5/5/16
3	District-Wide	Staffing schedule modification to add Project Manager for continuing contract.	R. L. Burns, Inc.	Amendment No. 03 to Agreement No. 12CM14CCONRLBURNS for Construction Management Services RFQ No. 12CM14	\$0	Sr. Facilities Executive Director	5/19/16
4	Engelwood ES Replacement	Additional services for off-site surveying, utility locating to support the development of Jackson MS and Engelwood ES sites, and subsurface utility exploration for further defining of utility locations for new replacement school project.	AMEC Foster Wheeler Environment & Infrastructure, Inc.	Amendment No. 01 to Work Authorization No. 0807191 for Surveying Services RFQ No. 0807PS	\$8,874	Sr. Facilities Executive Director	5/12/16
5	K-8 School Site 205-K8-SW-6	Pre-demolition asbestos surveying to comply with the National Emission Standards for Hazardous Air Pollutants for storage shed located on the Kaley ES swing site for Lake Como for new replacement school project.	AMEC Foster Wheeler Environment & Infrastructure, Inc.	Amendment No. 01 to Work Authorization No. 1209123 for Environmental Consulting Services RFQ No. 1209PS	\$896	Sr. Facilities Executive Director	5/5/16

MAY 2016 – CHANGE ORDERS AND AMENDMENTS

II. CONTRACTS AMENDED							
ITEM NO.	SCHOOL	Reason Change	NAME OF FIRM	DESCRIPTION OF SERVICES	AMENDMENT	APPROVAL REQUIRED	CPSC DATE
6	K-8 School Site 208-K8-SE-3	Additional services for environmental wetlands (\$438.00) and endangered species (\$1,442.00) evaluation for parcel identification 07-23-30-0000-00-117 for real property project.	Geotechnical and Environmental Consultants, Inc.	Amendment No. 01 to Work Authorization No. 0803377 for Geotechnical & Environmental Services RFQ No. 0803PS	\$1,880	Facilities Director, Real Estate Management	5/26/16
7	*K-8 School Site 2-K8-E-1	Additional design services to add pre-engineered domestic water filtration systems to buildings 1, 2, 3, and 4 for new relief school project (Est. Constr. Cost \$130,000.00).	Zyscovich, Inc.	Amendment No. 04 to Agreement No. 1308RU001ZYSCOVICH for Architectural & Engineering Services RFQ No. 1308PS	\$1,558	Board / John T. Morris, Chief Facilities Officer	5/12/16
8	* Middle School Site 21-M-E-2	Staffing modifications for new relief school project (Est. Constr. Cost \$30,000,000.00).	James B. Pirtle Construction Company, Inc. d/b/a Pirtle Construction Company	Amendment No. 03 to Agreement No. 14CM28SCONPIRTLE for Construction Management Services RFQ No. 14CM28	\$0	Sr. Facilities Executive Director	5/26/16
9	Oak Hill ES Replacement	Additional geotechnical exploration to evaluate a topographical soil condition and assess subsoil conditions features identified on the north end of the site, straddles portions of the property, and adjacent storm water pond parcel north of the site for new replacement project.	Professional Service Industries, Inc.	Amendment No. 01 to Work Authorization No. 0803424 for Geotechnical & Environmental Services RFQ No. 0803PS	\$11,399	Sr. Facilities Executive Director	5/12/16
10	Odyssey MS	Early design package for the replacement of two (2) existing water cooled chillers and associated cooling tower for capital renewal project (Est. Constr. Cost \$745,000.00).	KBJ Architects, Inc.	Amendment No. 01 to Agreement No. 1520CSAKBJ for Architectural & Engineering Services RFQ No. 1520PS	\$60,401	Superintendent / John T. Morris, Chief Facilities Officer	5/19/16

MAY 2016 – CHANGE ORDERS AND AMENDMENTS

II. CONTRACTS AMENDED							
ITEM NO.	SCHOOL	Reason Change	NAME OF FIRM	DESCRIPTION OF SERVICES	AMENDMENT	APPROVAL REQUIRED	CPSC DATE
11	Rock Lake ES Replacement	Additional services for environmental air monitoring during the removal of asbestos containing materials at buildings 200 and 400 at Tampa Avenue Center for new replacement school project.	AMEC Foster Wheeler Environment & Infrastructure, Inc.	Amendment No. 02 to Work Authorization No. 1209110 for Environmental Consulting Services RFQ No. 1209PS	\$9,620	Sr. Facilities Executive Director	5/12/16
12	Tangelo Park ES Replacement	Environmental asbestos air monitoring at various buildings and Portable P-2 for new replacement school project.	EE&G Environmental Services, LLC	Amendment No. 01 to Work Authorization No. 1209125 for Environmental Consulting Services RFQ No. 1209PS	\$10,990	Sr. Facilities Executive Director	5/12/16

\* Not Funded by Sales Tax or Capital Renewal

JUNE 2016 – CHANGE ORDERS AND AMENDMENTS

IV. CHANGE ORDERS APPROVED								
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	DOC #	C.O. AMOUNT	APPROVAL REQUIRED	CPSC DATE
1	Clay Springs ES Replacement	Final GMP reconciliation for new replacement school project.	Williams Company Building Division, Inc.	Agreement No. 13CM14SCONWILLIAMS for Construction Management Services RFQ No. 13CM14	Change Order No. 08 to GMP No. 01	(\$203,931)	John T. Morris, Chief Facilities Officer	6/9/16
2	Clay Springs ES Replacement	Fourteen (14) day time extension to the Phase 2A (demolition of existing classroom buildings, south parking) due to removal of existing portables for new replacement school project.	Williams Company Building Division, Inc.	Agreement No. 13CM14SCONWILLIAMS for Construction Management Services RFQ No. 13CM14	Change Order No. 07 to GMP No. 01	\$0	Sr. Facilities Executive Director	6/2/16
3	Clay Springs ES Replacement	Eight (8) day time extension to the Phase 1 (construction of a new classroom building) due to Florida Department of Environmental Protection clearance issues related to water and sanitary systems for new replacement school project.	Williams Company Building Division, Inc.	Agreement No. 13CM14SCONWILLIAMS for Construction Management Services RFQ No. 13CM14	Change Order No. 06 to GMP No. 01	\$0	Sr. Facilities Executive Director	6/2/16
4	Cypress Creek HS	Reconciliation of CCD No. 10 (\$13,925.87) for disposal of remaining concrete stairs, ramps, debris and garbage generated from portable field demolition, utilities abandonment left by owner, and two (2) day time extension for Phase 5 (renovation of cafeteria Building 400) for comprehensive needs project.	Wharton-Smith, Inc.	Agreement No. 11CM11SCONWHARTON for Construction Management Services RFQ No. 11CM11	Change Order No. 25 to GMP No. 02	\$13,251	Sr. Facilities Executive Director	6/2/16

JUNE 2016 – CHANGE ORDERS AND AMENDMENTS

ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	DOC #	C.O. AMOUNT	APPROVAL REQUIRED	CPSC DATE
5	* High School Site 27-H-W-4	Installation of Bermuda Sod in lieu of Bahia sod on the practice fields for new relief school project.	Wharton-Smith, Inc.	Agreement No. 15CM13SCONWHARTON for Construction Management Services RFQ No. 15CM13	Change Order No. 07 to GMP No. 01	\$34,674	John T. Morris, Chief Facilities Officer	6/16/16
6	* High School Site 27-H-W-4	Traffic signalization revision as required by the Orange County Public Works for new relief school project.	Wharton-Smith, Inc.	Agreement No. 15CM13SCONWHARTON for Construction Management Services RFQ No. 15CM13	Change Order No. 06 to GMP No. 01	\$15,872	Sr. Facilities Executive Director	6/9/16
7	Lovell ES Replacement	Six (6) day time extension due to miscellaneous impacts during the plumbing and fire/safety final inspections for new replacement school project.	McCree Design Builders, Inc.	Agreement No. 14CC09MCCREE for Contractual Services BID No. ITB14CC09	Change Order No. 06	\$0	Sr. Facilities Executive Director	6/9/16
8	Lovell ES Replacement	Reconciliation of CCD No. 1 (\$30,000) for acceleration of structural steel efforts due to excessive rainfall for new replacement school project.	McCree Design Builders, Inc.	Agreement No. 14CC09MCCREE for Contractual Services BID No. ITB14CC09	Change Order No. 05	\$30,000	John T. Morris, Chief Facilities Officer	6/9/16
9	Ventura ES Replacement	Incorporation of future light-emitting diode (LED) sign infrastructure with fiber optic cabling for new replacement school project.	Turner Construction Company	Agreement No. 15CM03SCONTURNER for Construction Management Services RFQ No. 15CM03	Change Order No. 05 to GMP No. 02	\$5,449	Sr. Facilities Executive Director	6/23/16
10	Ventura ES Replacement	Metal shelving installation for new replacement school project.	Turner Construction Company	Agreement No. 15CM03SCONTURNER for Construction Management Services RFQ No. 15CM03	Change Order No. 04 to GMP No. 02	\$6,756	Sr. Facilities Executive Director	6/23/16

JUNE 2016 – CHANGE ORDERS AND AMENDMENTS

II. CONTRACTS AMENDED							
ITEM NO	SCHOOL	Reason for Change	NAME OF FIRM	DESCRIPTION OF SERVICES	AMENDMENT	APPROVAL REQUIRED	CPSC DATE
1	District-Wide	Staffing schedule modification for continuing contract.	ACY Contractors, LLC	Amendment No. 02 to Agreement No. 12CM14CCONACY for Construction Management Services RFQ No. 12CM14	\$0	Sr. Facilities Executive Director	6/23/16
2	District-Wide	Staffing modification to update sub consultant for continuing contract.	KBJ Architects, Inc.	Amendment No. 05 to Agreement No. 1301CCONKBJ for Architectural & Engineering Services RFQ No. 1301PS	\$0	Sr. Facilities Executive Director	6/16/16
3	* Elementary School Site 44-E-SE-2	Additional surveying for location of the utilities required for design for new replacement school project.	Southeastern Surveying & Mapping Corporation	Amendment No. 02 to Work Authorization No. 0807126 for Surveying Services RFQ No. 0807PS	\$2,060	Sr. Facilities Executive Director	6/2/16
4	Hungerford ES	Additional boundary and topography surveying for parcel identification 35-21-29-0000-00-090 for real property project.	Southeastern Surveying & Mapping Corporation	Amendment No. 01 to Work Authorization No. 0807189 for Surveying Services RFQ No. 0807PS	\$5,040	Facilities Director, Real Estate Management	6/9/16
5	* K-8 School Site 133-K8-N-6	Additional design services for prototype redesign due to poor soil conditions for new relief school project. (Est. Constr. Cost \$3,280,000)	Baker Barrios Architects, Inc.	Amendment No. 03 to Agreement No. 1308RUSCON003BAKER for Architectural & Engineering Services RFQ No. 1308PS	\$917,575	Board / John T. Morris, Chief Facilities Officer	6/23/16
6	K-8 School Site 205-K8-SW-6	Additional services to perform Phase II environmental site assessment for new replacement school project.	Terracon Consultants, Inc.	Amendment No. 01 to Work Authorization No. 0803449 for Geotechnical & Environmental Services RFQ No. 0803PS	\$825	Sr. Facilities Executive Director	6/30/16
7	Lovell ES Replacement	Additional surveying for sketch and legal description for water main and transformer for new replacement school project.	AMEC Foster Wheeler Environment & Infrastructure, Inc.	Amendment No. 02 to Work Authorization No. 0807111 for Surveying Services RFQ No. 0807PS	\$2,144	Sr. Facilities Executive Director	6/2/16

JUNE 2016 – CHANGE ORDERS AND AMENDMENTS

ITEM NO	SCHOOL	Reason for Change	NAME OF FIRM	DESCRIPTION OF SERVICES	AMENDMENT	APPROVAL REQUIRED	CPSC DATE
8	* Middle School Site 21-M-E-2	Additional services to provide 3-D computer generated fly through animation and still images for new relief school project. (Est. Constr. Cost \$30,047,858)	Hunton Brady Architects, P.A.	Amendment No. 02 to Agreement No. 14RU29SCONHUNTON for Architectural & Engineering Services RFQ No. 14RU29	\$17,997	Sr. Facilities Executive Director	6/23/16
9	* Middle School Site 48-M-SW-4	Environmental Phase 1 site assessment (\$1,995), wetlands and endangered species surveying (\$1,780) for parcels identification 10-24-28-0000-00-053 and 10-24-28-0000-00-005 for real property project.	Terracon Consultants, Inc.	Amendment No. 01 to Work Authorization No. 0803359 for Geotechnical & Environmental Services RFQ No. 0803PS	\$3,775	Facilities Director, Real Estate Management	6/9/16
10	Mollie Ray ES	Additional environmental for air monitoring and testing during the removal of asbestos containing materials for comprehensive needs project.	AMEC Foster Wheeler Environment & Infrastructure, Inc.	Amendment No. 01 to Work Authorization No. 1209122 for Environmental Consulting Services RFQ No. 1209PS	\$5,239	Sr. Facilities Executive Director	6/16/16
11	Rock Lake ES Replacement	Additional environmental consulting services for on-site air monitoring for the removal and disposal of hazardous materials for new replacement school project.	AMEC Foster Wheeler Environment & Infrastructure, Inc.	Amendment No. 03 to Work Authorization No. 1209110 for Environmental Consulting Services RFQ No. 1209PS	\$3,273	Sr. Facilities Executive Director	6/9/16
12	Rock Lake ES Replacement	Additional boundary surveying for property exchange agreement for new replacement school project.	Southeastern Surveying & Mapping Corporation	Amendment No. 02 to Work Authorization No. 0807178 for Surveying Services RFQ No. 0807PS	\$3,500	Sr. Facilities Executive Director	6/30/16
13	Timber Creek HS	Building envelope services for design, construction, post construction and warranty phases for capital renewal project.	Terracon Consultants, Inc.	Amendment No. 01 to Work Authorization No. 0803448 for Geotechnical & Environmental Services RFQ No. 0803PS	\$12,201	Director, Environmental Compliance	6/16/16

\* Not Funded by Sales Tax or Capital Renewal



**OCPS FACILITIES & CONSTRUCTION CONTRACTING**  
**RFQs in Progress: MAY 2016**

No.	Contract Description	Pre Submittal Meeting	Open Date	Shortlist Meeting	Interview Meeting	Board / CFO Date	Construction Cost	Status
RFQ 1606PS	A/E Services for Cypress Park ES Comprehensive Project	3/10/2016	3/29/2016	4/8/2016	4/19/2016	5/10/2016	\$11,000,000.00	On-Going
RFQ 16CM07	CM Services for Cypress Park ES Comprehensive Project	3/10/2016	3/31/2016	4/12/2016	4/26/2016	5/10/2016	\$11,000,000.00	On-Going
RFQ 16CM08	CM Services for Site 205-K8-SW-6 Replacement Project	3/22/2016	4/12/2016	4/22/2016	5/12/2016	5/24/2016	\$31,500,000.00	On-Going
RFQ 1609PS	A/E Services for Union Park ES Comprehensive Project	5/10/2016	5/31/2016	6/9/2016	6/21/2016	7/26/2016	\$14,100,000.00	On-Going
RFQ 16CM10	CM Services for Union Park ES Replacement Project	5/17/2016	6/7/2016	6/15/2016	6/28/2016	7/26/2016	\$14,100,000.00	On-Going

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**OCPS FACILITIES & CONSTRUCTION CONTRACTING**  
**RFQs in Progress: JUNE 2016**

No.	Contract Description	Pre Submittal Meeting	Open Date	Shortlist Meeting	Interview Meeting	Board / CFO Date	Construction Cost	Status
RFQ 1611PS	A/E Services for Hillcrest ES Comprehensive Project	6/13/2016	7/6/2016	7/19/2016	8/2/2016	8/23/2016	\$14,100,000.00	On-Going
RFQ 16CM12	CM Services for Hillcrest ES Comprehensive Project	6/21/2016	7/12/2016	7/20/2016	8/4/2016	8/23/2016	\$14,100,000.00	On-Going
RFQ 16CM14	CM Services for Corner Lake MS Comprehensive Project	7/12/2016	8/1/2016	8/17/2016	8/30/2016	9/13/2016	\$12,000,000.00	On-Going
RFQ 16CM17	CM Services for Frangus ES Replacement Project	8/1/2016	8/16/2016	9/8/2016	9/22/2016	10/11/2016	\$15,200,000.00	On-Going
RFQ 16CM18	CM Services for Pine Hills ES Replacement Project	8/1/2016	8/24/2016	9/16/2016	9/29/2016	10/11/2016	\$16,200,000.00	On-Going
RFQ 16CM23	CM Services for Site 207-E-W-7 (New Maxey) ES Replacement Project	8/11/2016	9/7/2016	9/21/2016	10/4/2016	10/25/2016	\$14,200,000.00	On-Going

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Plan Year(s) Filter: FY13 - FY17					Project Elements													Budget / Committed			Project Cost / Construction Cost				Construction Schedule																			
Group(s) Filter: G3,G4,G5					Site	Roofing	Structural	Exterior	Interior	Mechanical	Electrical	Plumbing	Life Safety	Technology	Conveyance	Specialties	Available Budget FY13 - FY17	Committed to Date	Balance Uncommitted	Estimate Total Cost FY13 - FY18	Construction Amount Base	Change Orders Amount	#	ODP Deducts	#	NTP	Approved Construction			Days Past Subst. Compl. (close-out)														
Location	Age (Wt'd)	Maint. Area	Project Number	Size																							Gp	Substantial Planned	Completion Forecast		Closed													
<b>CAPITAL RENEWAL BUDGET</b>																																												
<b>BOARD APPROVED BUDGET FOR YEARS: FY2013 - FY2017</b>																	164,925,899																											
<b>PLANNING PHASE</b>																																												
Conway MS	7-Yr	SS	N0081-1	Sm	G5	✓												100,000	-	100,000	80,000	80,000	-	-	-	-	Sep-16	Jan-17	Jan-17															
Hunter's Creek MS	23-Yr	SS	N0082-1	Sm	G5					✓								91,000	-	91,000	91,000	70,000	-	-	-	-	Sep-16	Jan-17	Jan-17															
Jackson MS	13-Yr	NE	N0077	Int	G4					✓								85,800	-	85,800	715,000	550,000	-	-	-	-	Aug-17	Dec-17	Dec-17															
Lakeville ES	18-Yr	NW	N0068	Int	G5	✓				✓	✓							325,654	40,080	285,574	2,379,780	1,830,600	-	-	-	-	Dec-17	Sep-18	Sep-18															
Metrowest ES	9-Yr	NW	N0083-2	Sm	G5					✓								130,000	-	130,000	130,000	100,000	-	-	-	-	Sep-16	Jan-17	Jan-17															
Ridgewood Park ES	10-Yr	NW	N0063	Int	G4	✓			✓		✓							349,179	71,234	277,945	2,316,210	1,781,700	-	-	-	-	Oct-17	Sep-18	Sep-18															
South Creek MS	10-Yr	SS	N0081-2	Sm	G4					✓								338,000	-	338,000	338,000	260,000	-	-	-	-	Dec-16	Mar-17	Mar-17															
Thornebrooke ES	14-Yr	NW	N0083-1	Sm	G4					✓								260,000	-	260,000	260,000	200,000	-	-	-	-	Sep-16	Dec-16	Dec-16															
Whispering Oak ES	11-Yr	NW	N0083-3	Sm	G4					✓								130,000	-	130,000	130,000	100,000	-	-	-	-	Sep-16	Jan-17	Jan-17															
Wolf Lake ES	10-Yr	NW	N0085	Int	G4					✓								650,000	-	650,000	650,000	500,000	-	-	-	-	Jun-17	Dec-17	Dec-17															
Wolf Lake MS	10-Yr	NW	N0086	Int	G4					✓								156,000	55,853	100,147	1,300,000	1,000,000	-	-	-	-	Jul-17	Nov-17	Nov-17															
Various Small Projects (see Note 2)					83	Sm	(38 unplanned thru FY17)													5,700,000	-	5,700,000	12,450,000	-	-	-	-	TBD																
<b>SUBTOTAL - PLANNING</b>																	<b>11 Projects</b>	<b>(excludes unplanned Sm projects)</b>	<b>8,315,633</b>	<b>167,167</b>	<b>8,148,466</b>	<b>20,839,990</b>	<b>6,472,300</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>											
<b>DESIGN / PRE-CONSTRUCTION PHASE</b>																																												
Acceleration Academy	14-Yr	NE	N0084	Int	G4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			2,211,794	195,443	2,016,351	2,211,794	1,701,380	-	-	-	-	Jun-17	Mar-18	Mar-18															
Blankner K8	15-Yr	NE	N0023	Lg	G4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			6,897,661	653,871	6,243,790	6,897,661	5,500,527	-	-	-	-	May-17	Jun-18	Jun-18															
Bonneville ES	14-Yr	NE	N0027	Int	G4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			173,481	173,481	-	2,397,074	1,689,270	-	-	-	-	Sep-17	Jul-18	Jul-18															
Boone HS	25-Yr	NE	N0031-2	Lg	G3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			28,064,808	1,989,526	26,075,282	28,064,808	19,355,040	-	-	-	-	May-17	Aug-18	Aug-18															
Chain of Lakes MS	18-Yr	NW	N0076	Int	G3					✓	✓	✓	✓	✓	✓			157,279	72,788	84,491	1,310,662	1,108,850	-	-	-	-	Sep-17	Jul-18	Jul-18															
Citrus ES	17-Yr	NW	N0057	Int	G3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			2,102,957	222,375	1,880,581	2,102,957	1,617,659	-	-	-	-	Jun-17	Apr-18	Apr-18															
Colonial 9GC	18-Yr	NE	N0058	Lg	G4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			83,520	83,520	-	4,225,811	3,452,460	-	-	-	-	Dec-17	Aug-18	Aug-18															
Colonial HS	18-Yr	NE	N0035	Lg	G3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			14,850,000	1,015,401	13,834,599	14,850,000	11,000,000	-	-	-	-	Apr-17	May-18	May-18															
Discovery MS	20-Yr	NE	N0036	Lg	G5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			10,368,091	847,633	9,520,458	10,368,091	8,163,851	-	-	-	-	Dec-16	Nov-17	Nov-17															
Freedom MS	11-Yr	SS	N0082-2	Sm	G4					✓								91,000	9,871	81,129	91,000	70,000	-	-	-	-	Sep-16	Jan-17	Jan-17															
Gotha MS	22-Yr	NW	N0032	Lg	G5	✓	✓			✓	✓	✓	✓	✓	✓			9,581,725	760,797	8,820,928	9,581,725	6,993,960	-	-	-	-	Jun-17	May-18	May-18															
Jones HS	13-Yr	SS	N0059-2	Lg	G3	✓				✓	✓	✓	✓	✓	✓			11,131,471	325,700	10,805,771	11,131,471	8,562,670	-	-	-	-	May-17	Apr-18	Apr-18															
Lakeview MS	20-Yr	NW	N0041-2	Int	G3					✓								597,168	129,878	467,290	597,168	459,360	-	-	-	-	Dec-16	Mar-17	Mar-17															
Lawton Chiles ES	17-Yr	NE	N0060	Int	G3	✓	✓			✓	✓	✓	✓	✓	✓			198,202	198,202	-	1,833,221	1,410,170	-	-	-	-	Jul-17	Apr-18	Apr-18															
Lee MS	8-Yr	NE	N0075	Int	G5	✓	✓			✓								1,523,366	125,378	1,397,988	1,523,366	1,171,820	-	-	-	-	Apr-17	Aug-17	Aug-17															
Northlake Park ES	17-Yr	SS	N0078	Sm	G3					✓								97,500	28,460	69,040	97,500	75,000	-	-	-	-	Aug-16	Nov-16	Nov-16															
Oakshire ES	17-Yr	SS	N0061	Int	G3	✓				✓	✓	✓	✓	✓	✓			266,130	266,130	-	2,366,195	1,820,150	-	-	-	-	Jan-18	Aug-18	Aug-18															
Ocoee MS	17-Yr	NW	N0026	Lg	G3	✓	✓	✓		✓	✓	✓	✓	✓	✓			182,754	182,754	-	4,167,274	3,205,595	-	-	-	-	Dec-17	Sep-18	Sep-18															
Ocoee MS	17-Yr	NW	N0026-1	Lg	G3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			5,142,233	-	5,142,233	5,142,233	3,955,564	-	-	-	-	May-17	Sep-17	Sep-17															
Odyssey MS	16-Yr	NE	N0067	Lg	G3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			274,700	274,700	-	6,763,601	5,202,770	-	-	-	-	Nov-17	Aug-18	Aug-18															
Odyssey MS	16-Yr	NE	N0067-1	Int	G3					✓								1,300,000	-	1,300,000	1,300,000	1,000,000	-	-	-	-	Jan-17	Jun-17	Jun-17															
Olympia HS	16-Yr	NW	N0033-2	Lg	G3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			1,635,132	1,635,132	0	20,188,636	15,529,720	-	-	-	-	Jul-17	Jun-18	Jun-18															
Piedmont Lakes MS	23-Yr	NW	N0029	Lg	G5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			387,383	131,596	255,787	5,164,809	3,972,930	-	-	-	-	Oct-17	Sep-18	Sep-18															
Pinewood ES	19-Yr	NW	N0062	Int	G5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			335,861	224,026	111,835	2,432,066	1,870,820	-	-	-	-	Oct-17	Aug-18	Aug-18															
Riverdale ES	18-Yr	NE	N0064	Int	G5	✓				✓								176,260	176,260	-	1,557,036	1,197,720	-	-	-	-	Jan-18	Sep-18	Sep-18															
Southwood ES	19-Yr	SS	N0065	Int	G5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			172,064	172,064	-	1,193,166	917,820	-	-	-	-	Nov-17	Aug-18	Aug-18															
Timber Creek HS	17-Yr	NE	N0037-2	Lg	G3					✓								11,292,372	1,443,929	9,848,443	11,292,372	8,686,440	-	-	-	-	Apr-17	Feb-18	Feb-18															
Winter Park HS	11-Yr	NE	N0066-2	Int	G3	✓				✓								1,658,995	139,936	1,519,059	1,658,995	1,276,150	-	-	-	-	Apr-17	Sep-17	Sep-17															
<b>SUBTOTAL - DESIGN</b>																	<b>28 Projects</b>	<b>110,953,907</b>	<b>11,478,849</b>	<b>99,475,058</b>	<b>160,510,691</b>	<b>120,967,696</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>												

**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 September 6, 2016

**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	

# Orange County Public Schools



COVE: Enrollment and Planning Update

**WINNER**

the broad prize  
for urban education



## New Schools in a Rapidly Growing School District

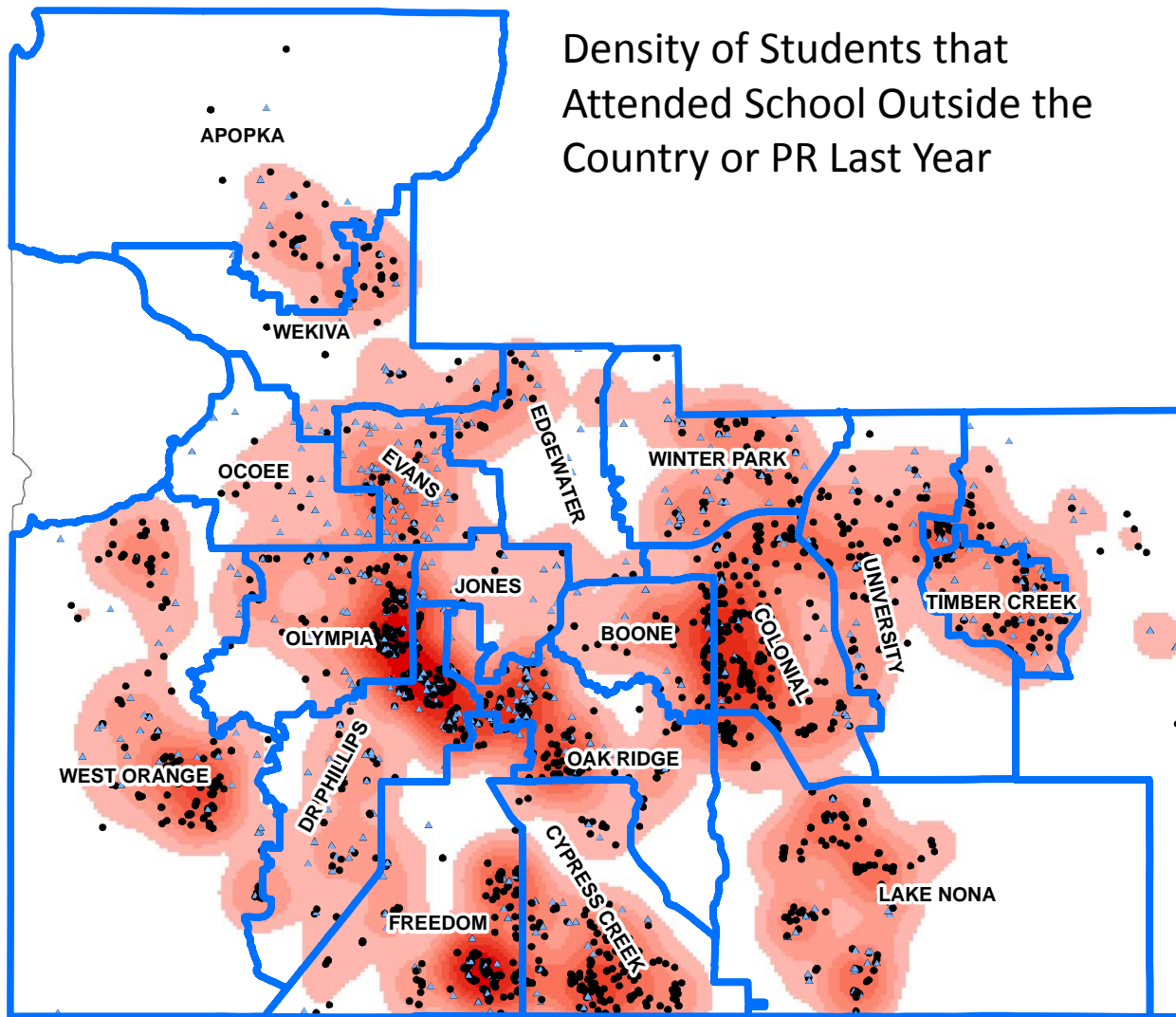
- Orange County Public Schools:  
Enrollment Projections
- Planning Tools

# Orange County Public Schools

# 2016-17 Enrollment

Grade	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17 Projections	2016-17 September 12, 2016
V-Pre-K											1,851	1,983	2,006	2,109
Pre-K	2,607	2,514	2,588	2,631	2,800	3,279	3,206	3,089	2,849	3,047	1,389	1,411	1,466	1,223
K	13,340	13,665	13,743	13,285	12,965	13,150	13,233	13,946	14,427	14,366	14,427	13,769	14,318	14,130
1	13,706	13,967	13,859	13,986	13,443	13,305	13,683	13,860	14,498	15,051	15,254	15,087	14,399	14,509
2	13,101	13,790	13,867	13,765	13,867	13,316	13,565	13,839	14,249	14,809	15,473	15,809	15,636	15,354
3	13,968	14,043	14,129	14,403	14,153	14,269	14,063	14,406	14,690	14,995	16,045	15,927	16,273	17,139
4	13,148	13,277	13,307	13,002	13,336	13,045	13,726	13,440	13,542	13,888	14,014	16,284	16,164	14,896
5	12,112	13,539	13,345	13,427	12,912	13,324	13,341	13,971	13,746	13,962	14,370	14,772	17,165	16,459
6	13,987	12,857	13,559	13,324	13,419	12,906	13,498	13,635	14,138	13,948	14,406	14,808	15,222	14,892
7	12,951	14,078	12,887	13,479	13,128	13,343	13,293	13,826	13,921	14,541	14,392	14,803	15,216	15,132
8	13,673	13,061	13,802	12,785	13,343	13,107	13,558	13,504	14,060	14,169	14,867	14,773	15,195	15,204
9	15,884	15,749	15,036	15,584	14,811	15,030	14,355	14,729	14,608	15,169	15,284	16,086	15,984	15,677
10	13,728	14,214	13,886	13,449	14,006	13,744	14,163	14,182	14,423	14,511	15,146	15,572	16,389	16,153
11	12,114	12,556	12,783	12,852	12,368	12,866	12,805	13,526	13,649	13,836	14,078	14,906	15,325	15,045
12	10,307	10,173	10,199	10,321	10,372	10,599	12,387	12,276	12,918	13,055	13,318	13,828	14,641	14,572
<b>Total</b>	<b>174,626</b>	<b>177,483</b>	<b>176,990</b>	<b>176,293</b>	<b>174,923</b>	<b>175,283</b>	<b>178,876</b>	<b>182,229</b>	<b>185,718</b>	<b>189,347</b>	<b>194,314</b>	<b>199,818</b>	<b>205,400</b>	<b>202,494</b>
<b>Difference</b>	7,859	2,857	(493)	(697)	(1,370)	360	3,593	3,353	3,489	3,629	4,967	5,504	5,582	2,676
		1.6%	-0.3%	-0.4%	-0.8%	0.2%	2.0%	1.9%	1.9%	2.0%	2.6%	2.8%		





Puerto Rico	1438
Venezuela	568
Brazil	472
Haiti	208
Dominican Republic	112
Mexico	100
Columbia	99
Jamaica	65
Cuba	54
Other(107)	760
<b>Total</b>	<b>3876</b>

Summary of students who specified they were living in Puerto Rico the prior year.

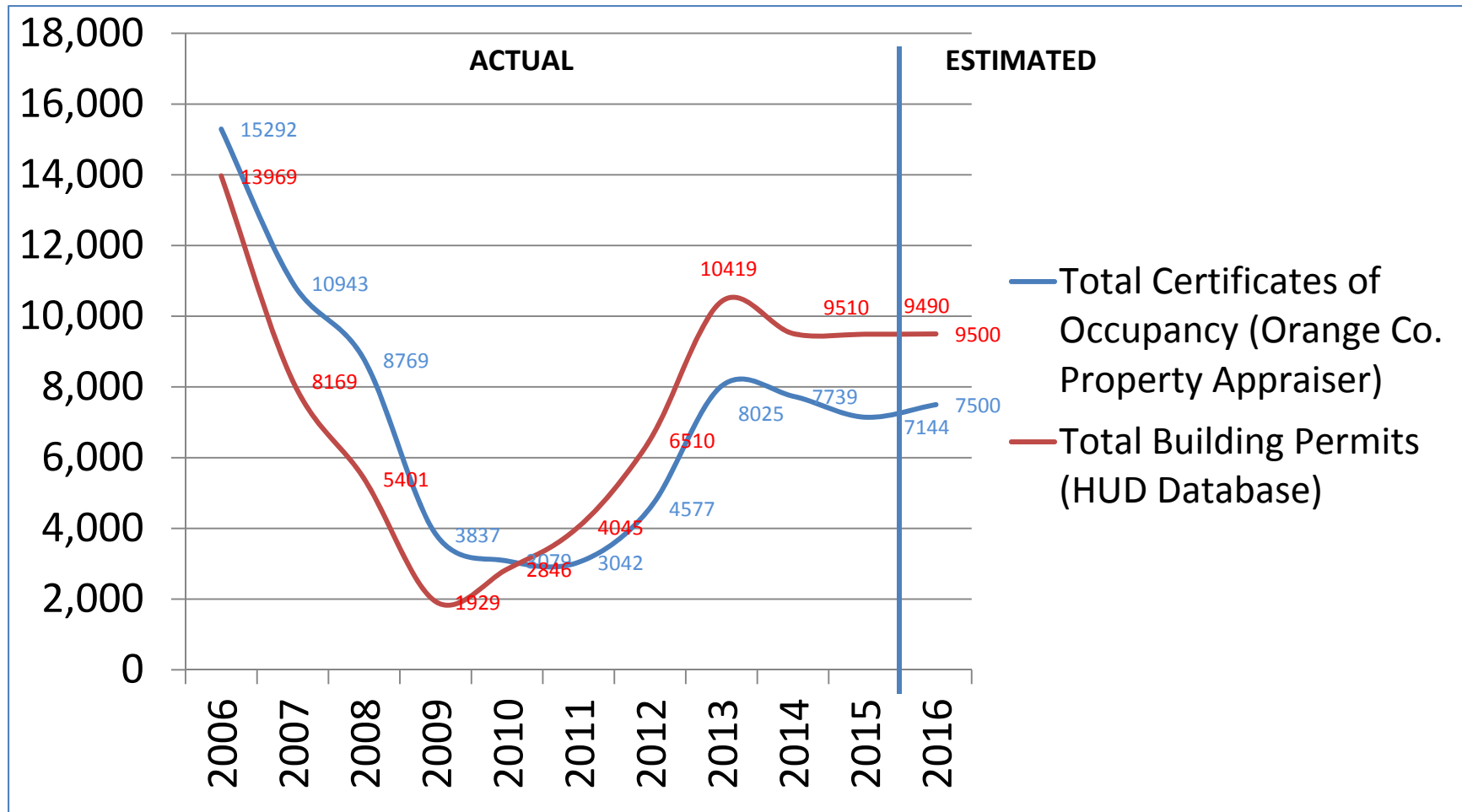
<u>Year (Fall)</u>	<u>Students</u>
2010-11	764
2011-12	833
2012-13	964
2013-14	1067
2014-15	1393
2015-16	1438

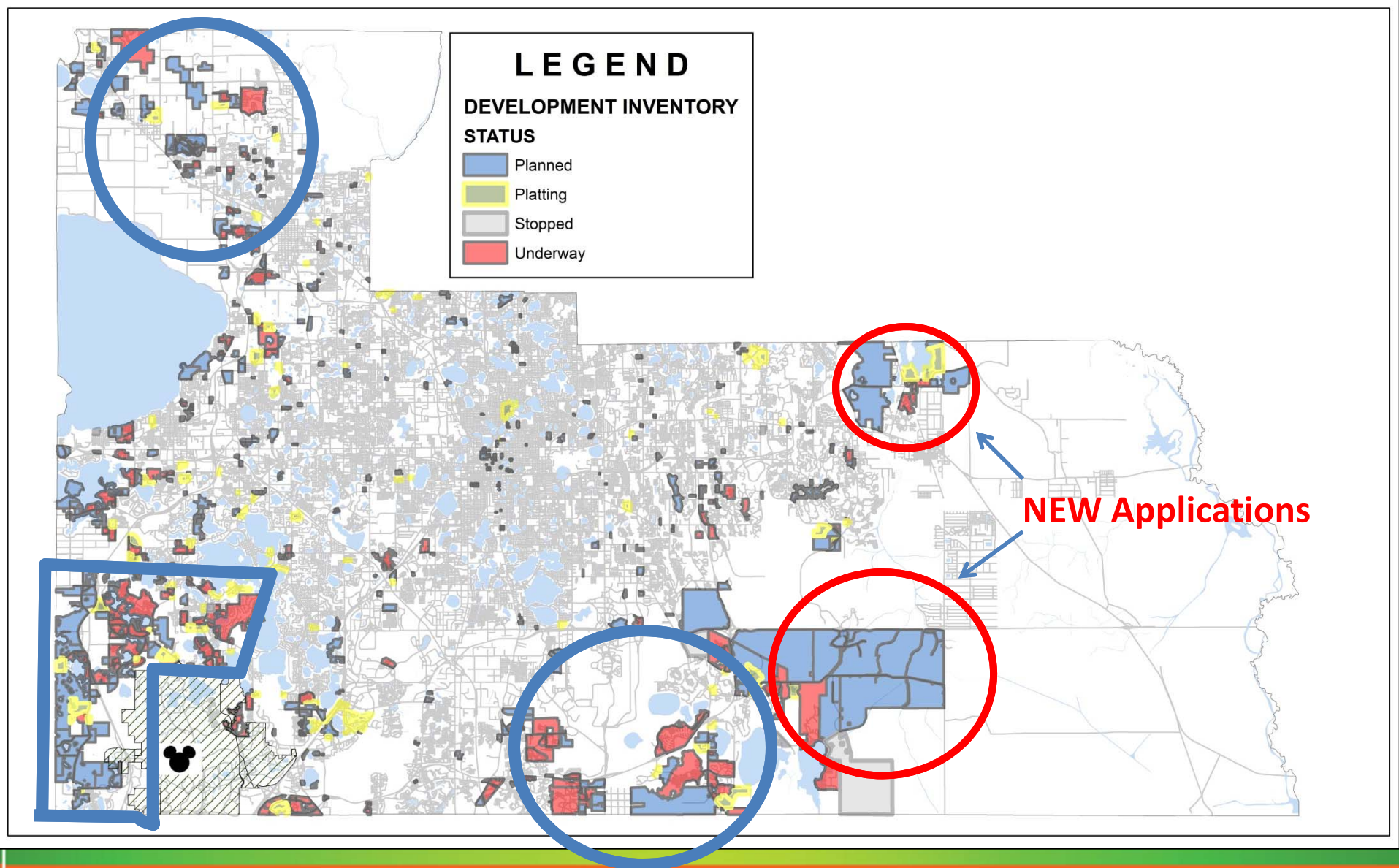
## Enrollment Projection Inputs:

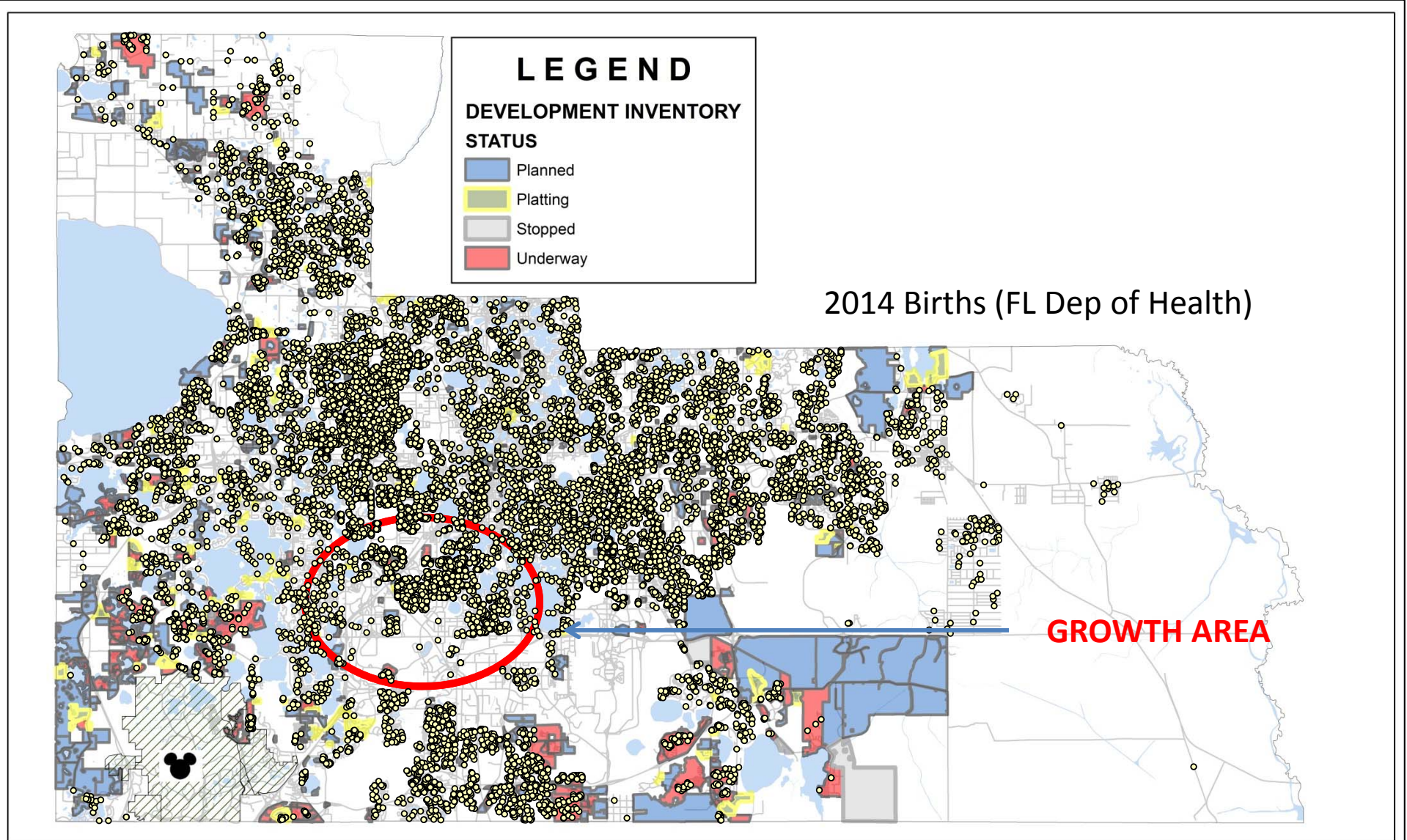
- 1) Cohort Survival Methodology
- 2) New Residential Construction
- 3) Natural Growth (Birth Data)

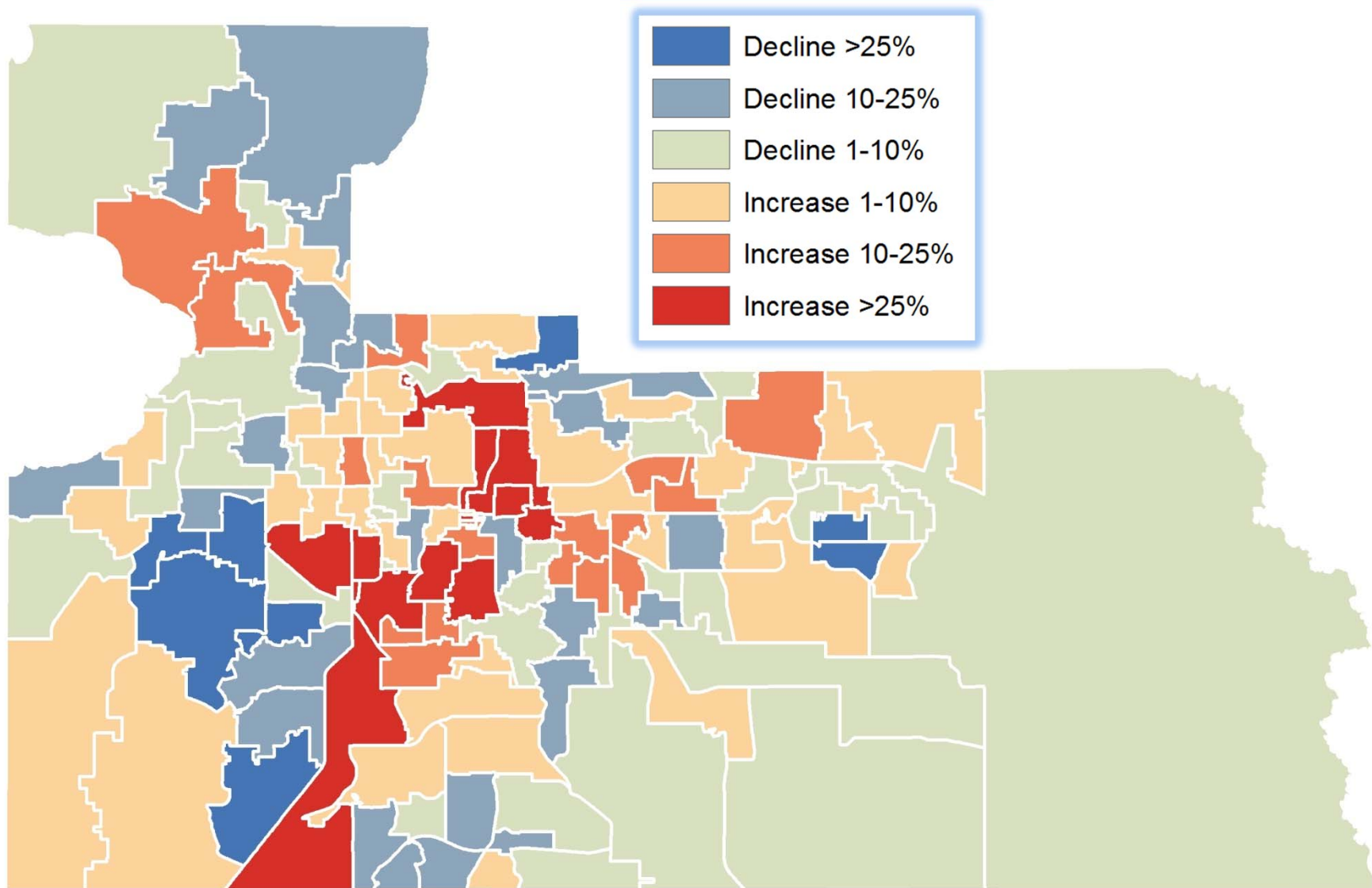
# Orange County Public Schools

## New Residential Construction



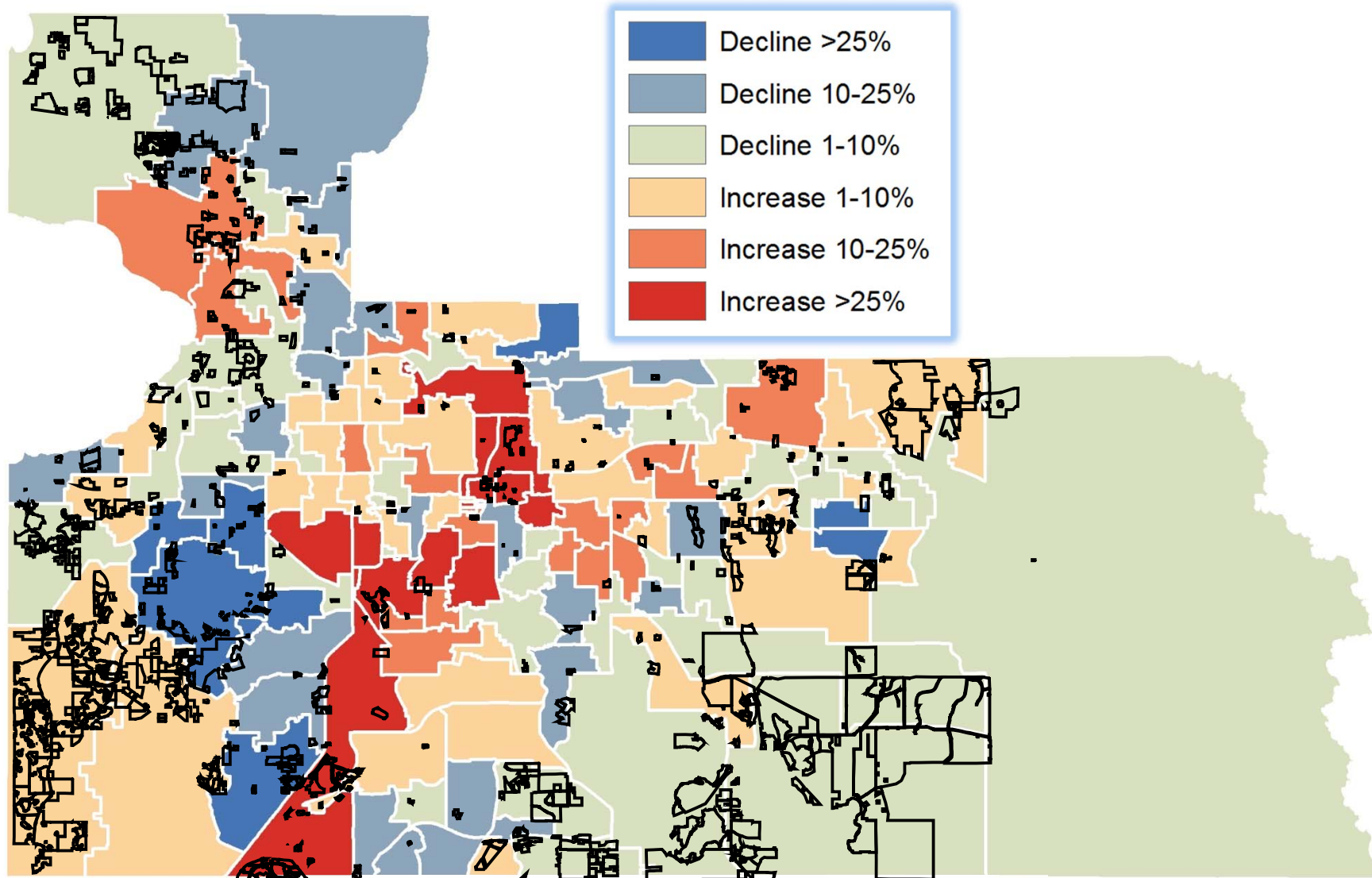




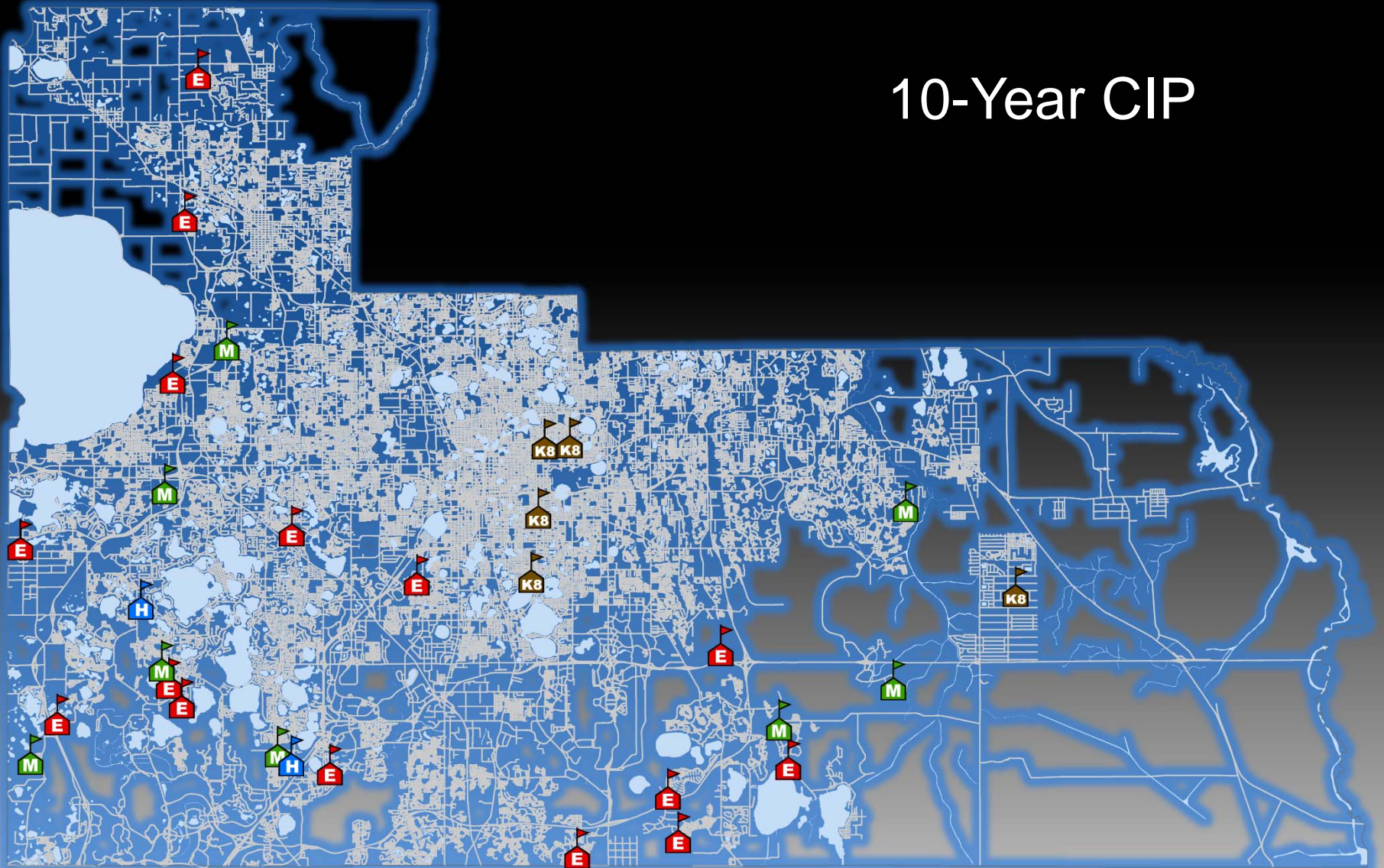


Birth Changes over the next 5 Years of entering school.

# Orange County Public Schools Residential Growth



10-Year CIP





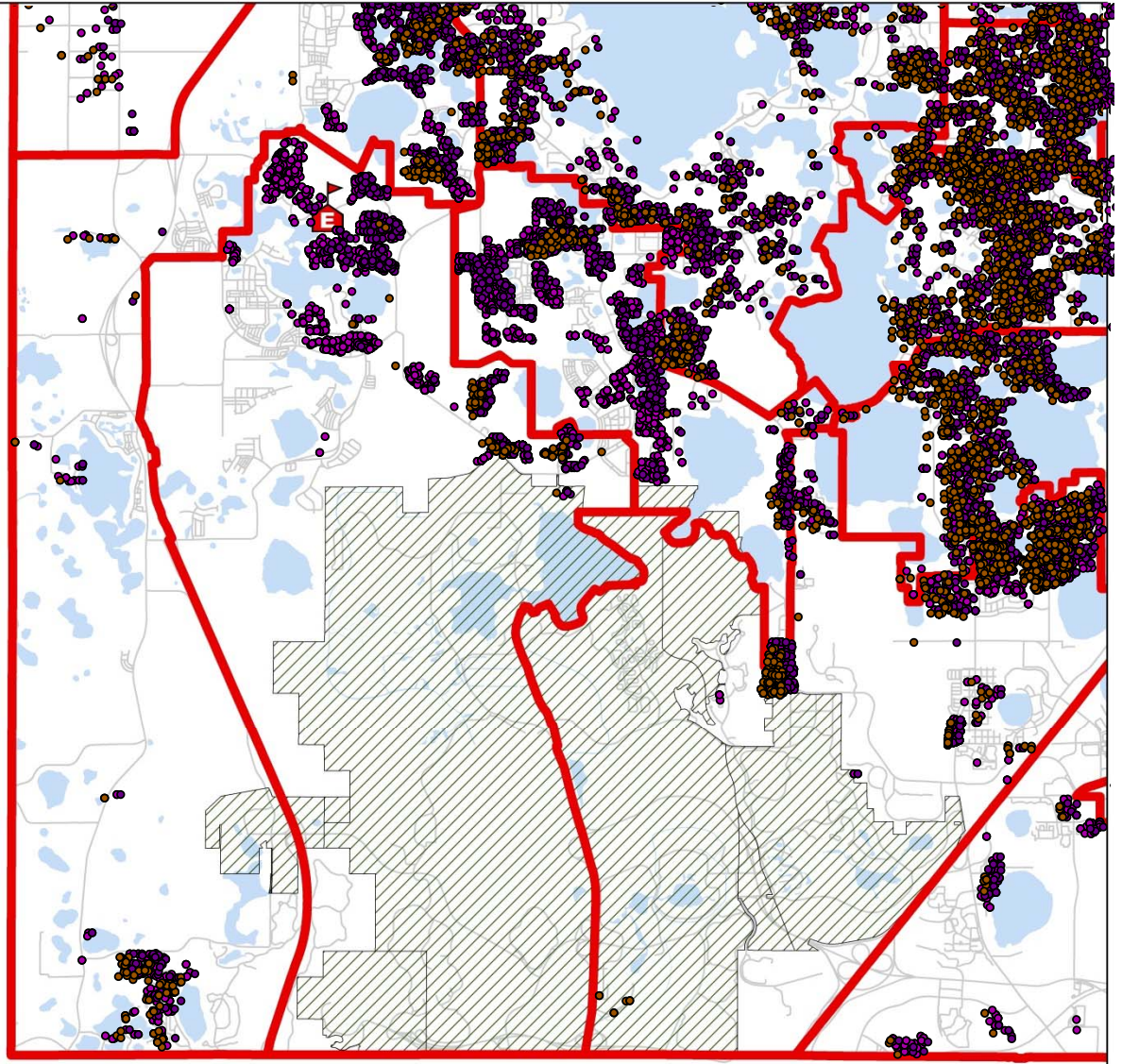
## Independence Elementary

Opening Year: 2015-16

Opening Enrollment: 786

2010-11 – 348 Residing Students

2005-06 – 119 Residing Students



## Planning Tools

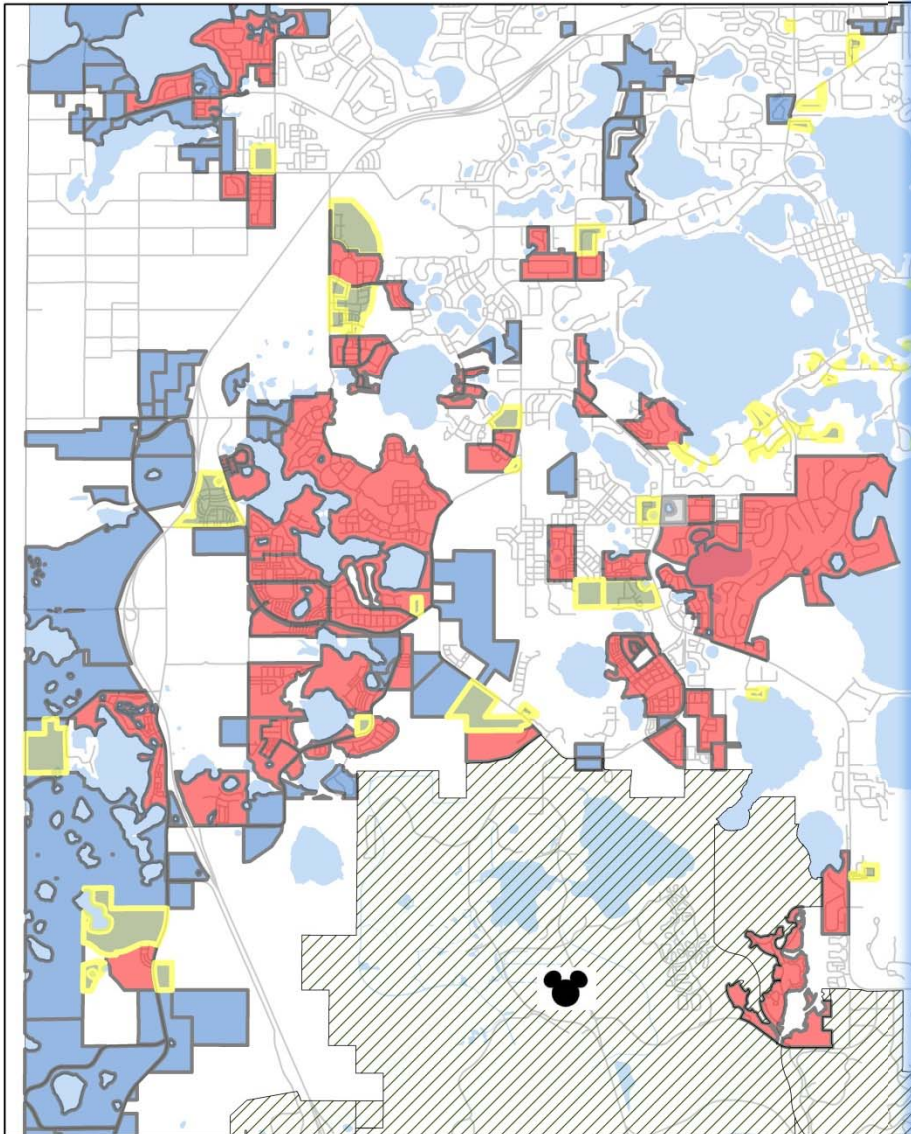
### 1) Where do we build the new school?

- Rezoning Options with Development Inventory
- Create Random Point
- Mean Center
- Location Allocation

### 2) When do we build the new school (timing)?

- Create Random Point
- School Enrollment Projections
- Property Appraiser Parcel Layer

# Orange County Public Schools Development Inventory Geodatabase



Identify

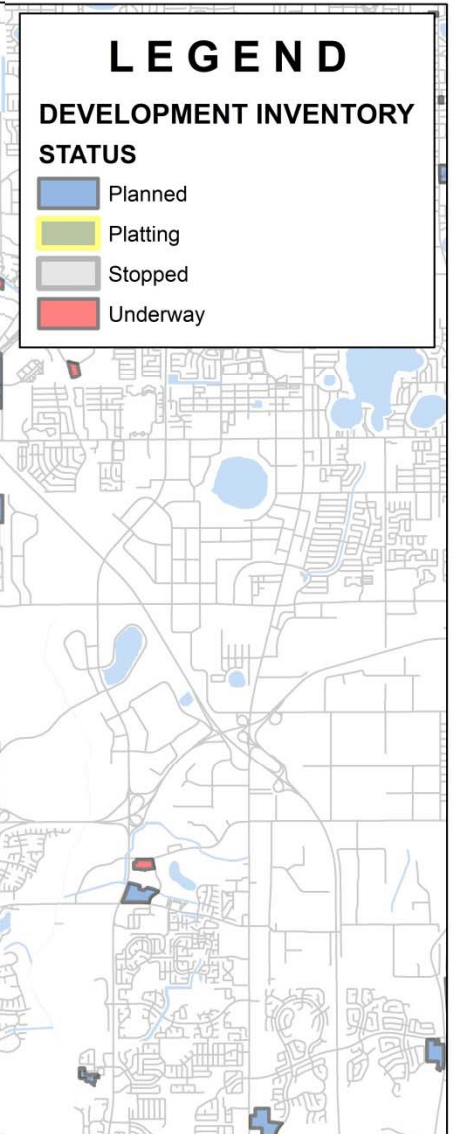
Identify from: OCPSSDE.PGR.DEVELOPI

OCPSSDE.PGR.DEVELOPMENT\_INVENTORY  
Mattamy Homes Reams Road

Location: 467,005.314 1,491,834.697 Feet

Field	Value
OBJECTID	544
AREA	<null>
PERIMETER	<null>
ACREAGE	18.041
PRJCT_NAME	Mattamy Homes Reams Road
OID	<null>
APPLICANT	Mattamy Homes of Orlando
ELEMENTARY	BAY LAKE
MIDDLE	BRIDGEWATER
HIGH	WEST ORANGE
OCPS_ID	OC-15-020
Source	
COMMENTS	
STATUS	Platting
PER_COMPLE	0
STATUS_DAT	11/13/2015
SF_Units	60
TH_Units	0
MF_Units	110
TOTAL_Unit	170
ES_BO	28
MS_BO	13
HS_BO	16
TOTAL_BO	57
Shape	Polygon
Shape.STArea()	4301580.297363
Shape.STLength()	11884.677052
SB_District	4

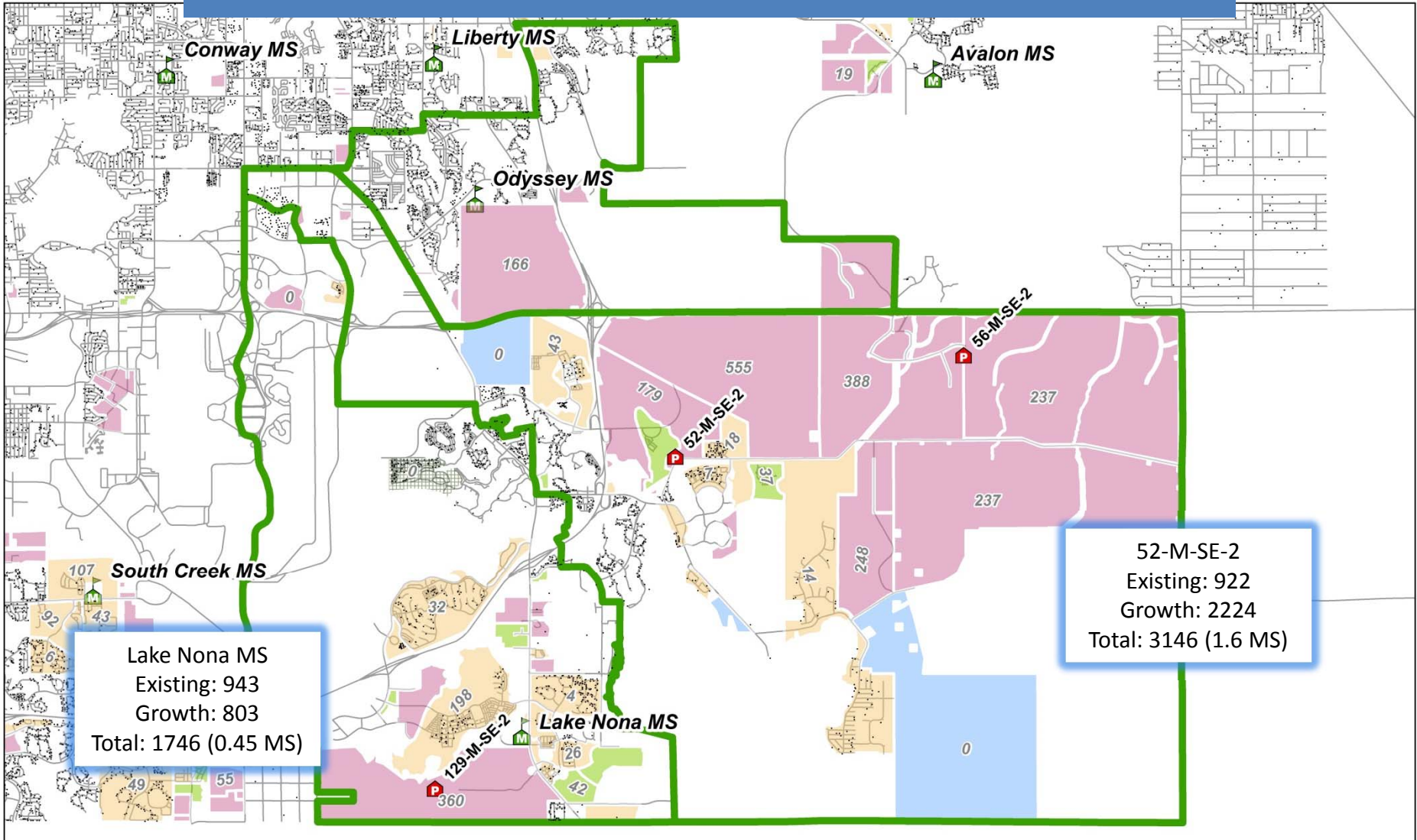
Identified 1 feature



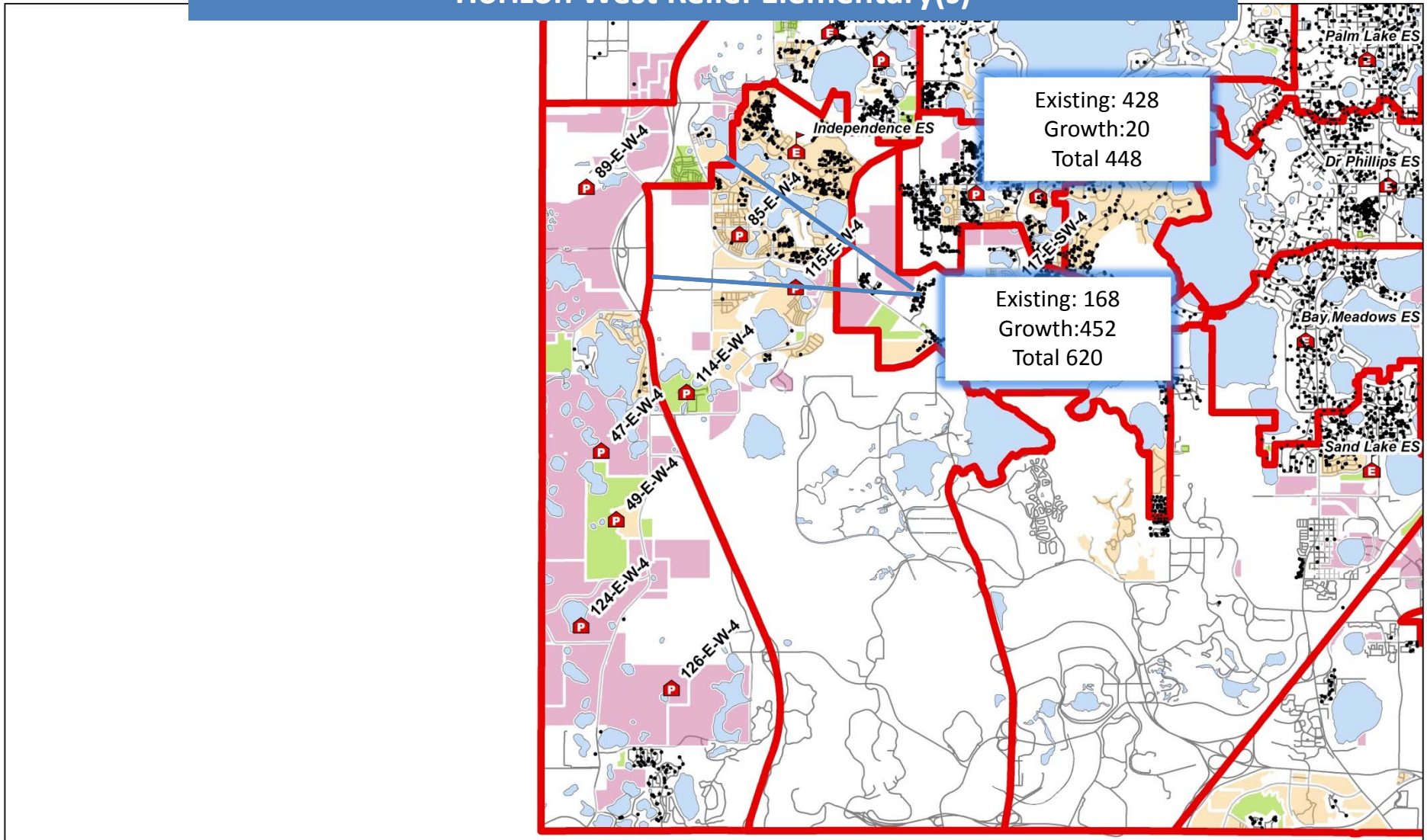


# Orange County Public Schools

## South East Area Middle Schools

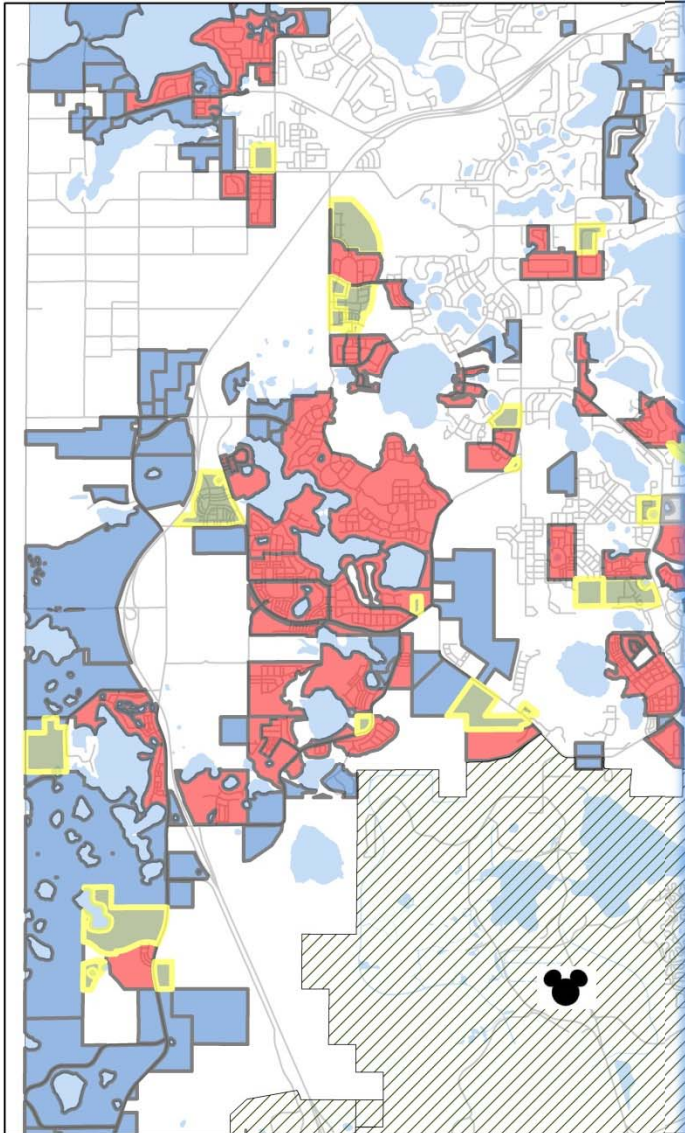


### Horizon West Relief Elementary(s)



# Orange County Public Schools

# Where & When



### Create Random Points

Output Location  
C:\Users\60947\Documents\ArcGIS\Defa

Output Point Feature Class

Constraining Feature Class (optional)

Constraining Extent (optional)

Top: 250.000000  
Left: 0.000000    Right: 250.000000  
Bottom: 0.000000    Clear

Number of Points [value or field] (optional)  
 Long: 100  
 Field

Minimum Allowed Distance [value or field] (optio...  
 Linear unit: 0 Feet  
 Field

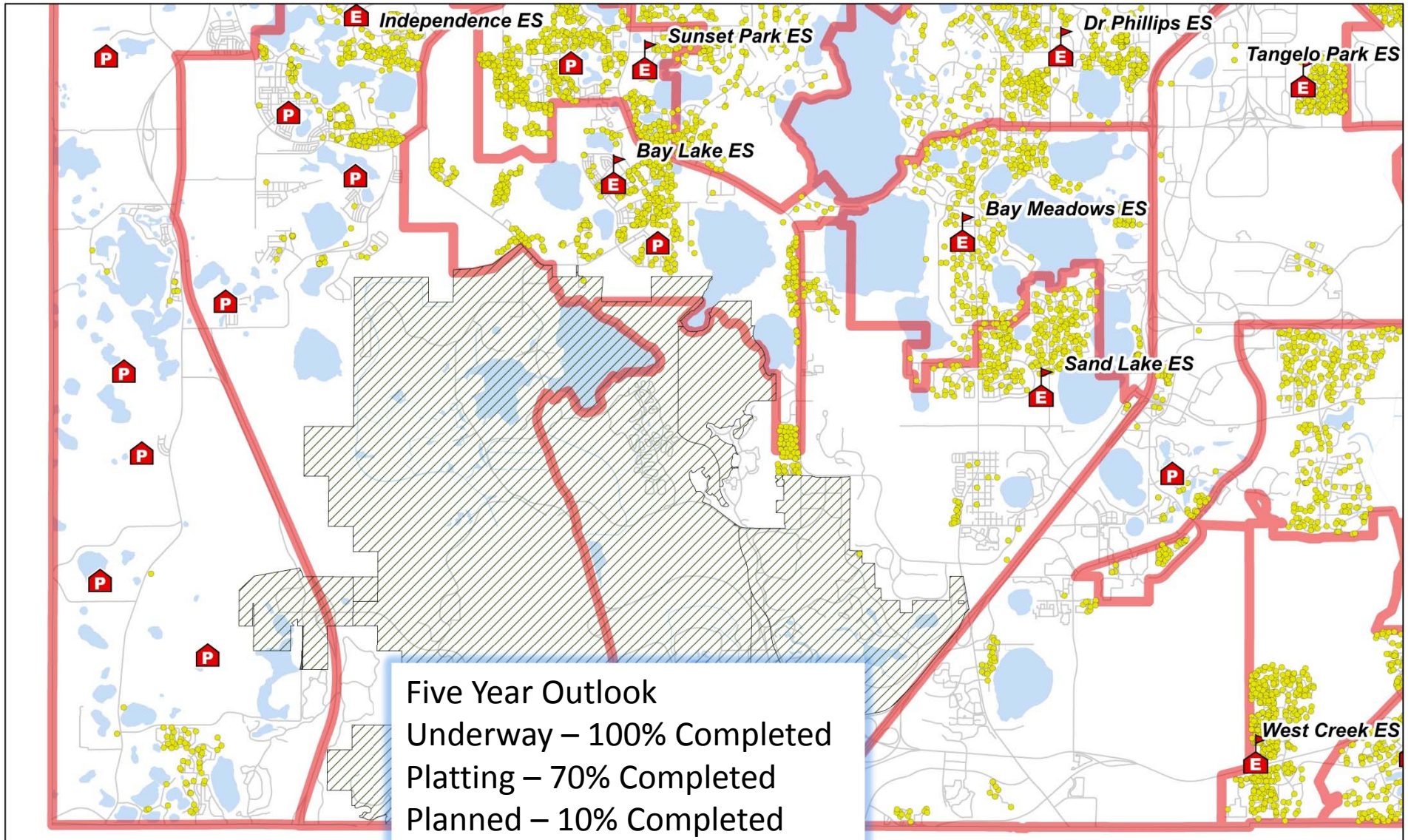
Create Multipoint Output (optional)

Maximum Number of Points per Multipoint (optio...: 0

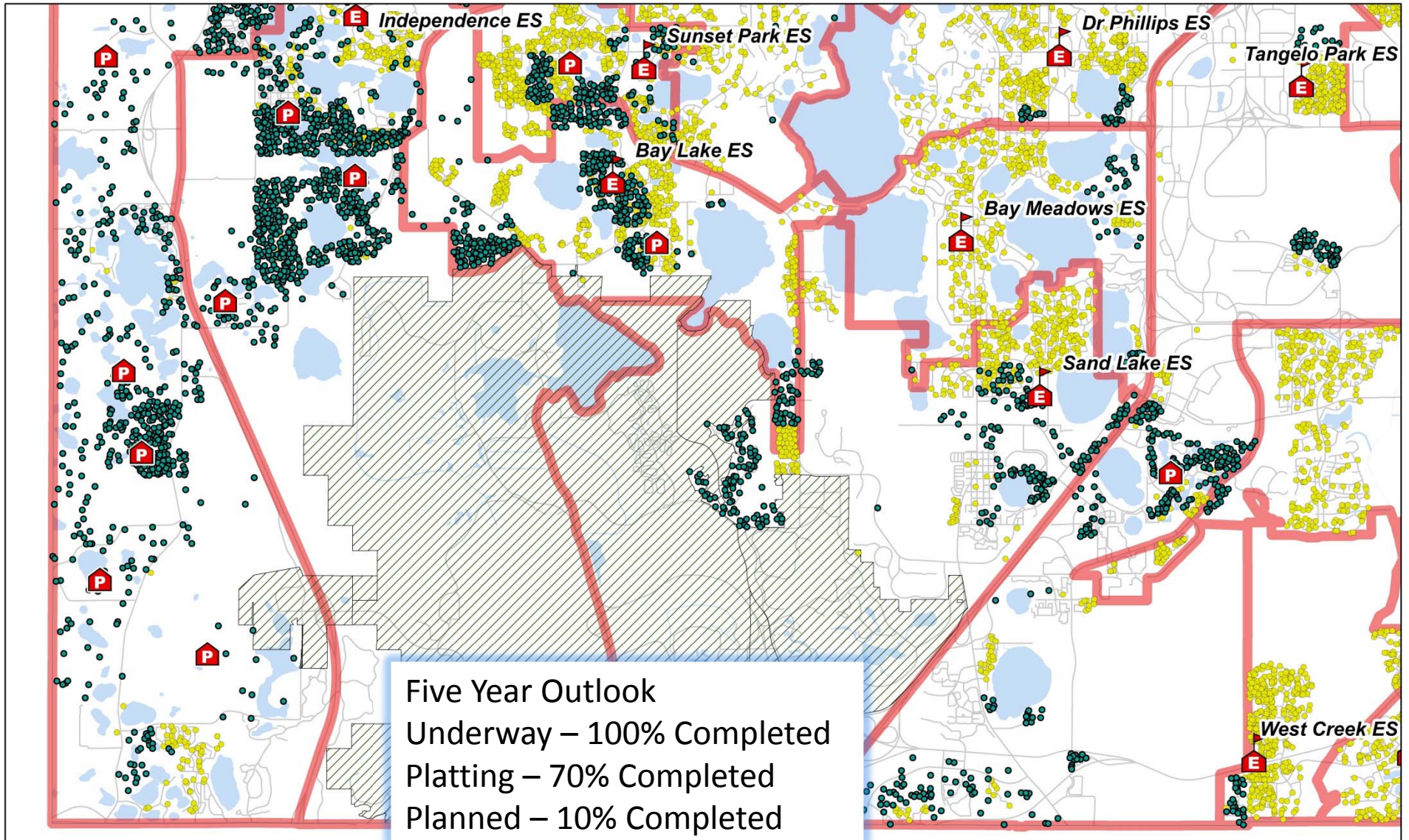
Cancel    Environments...    << Hide Help    Tool Help

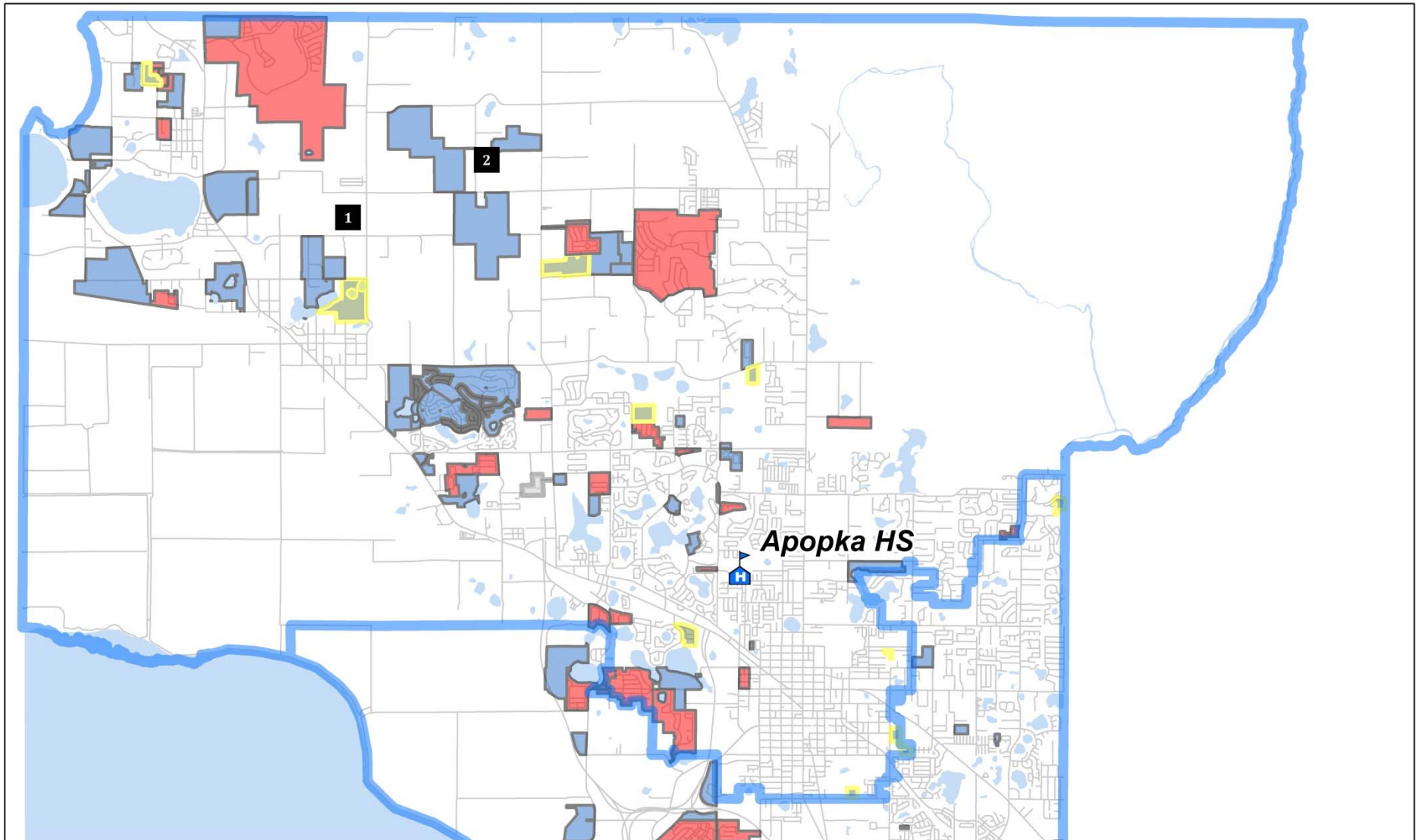
### Create Random Points

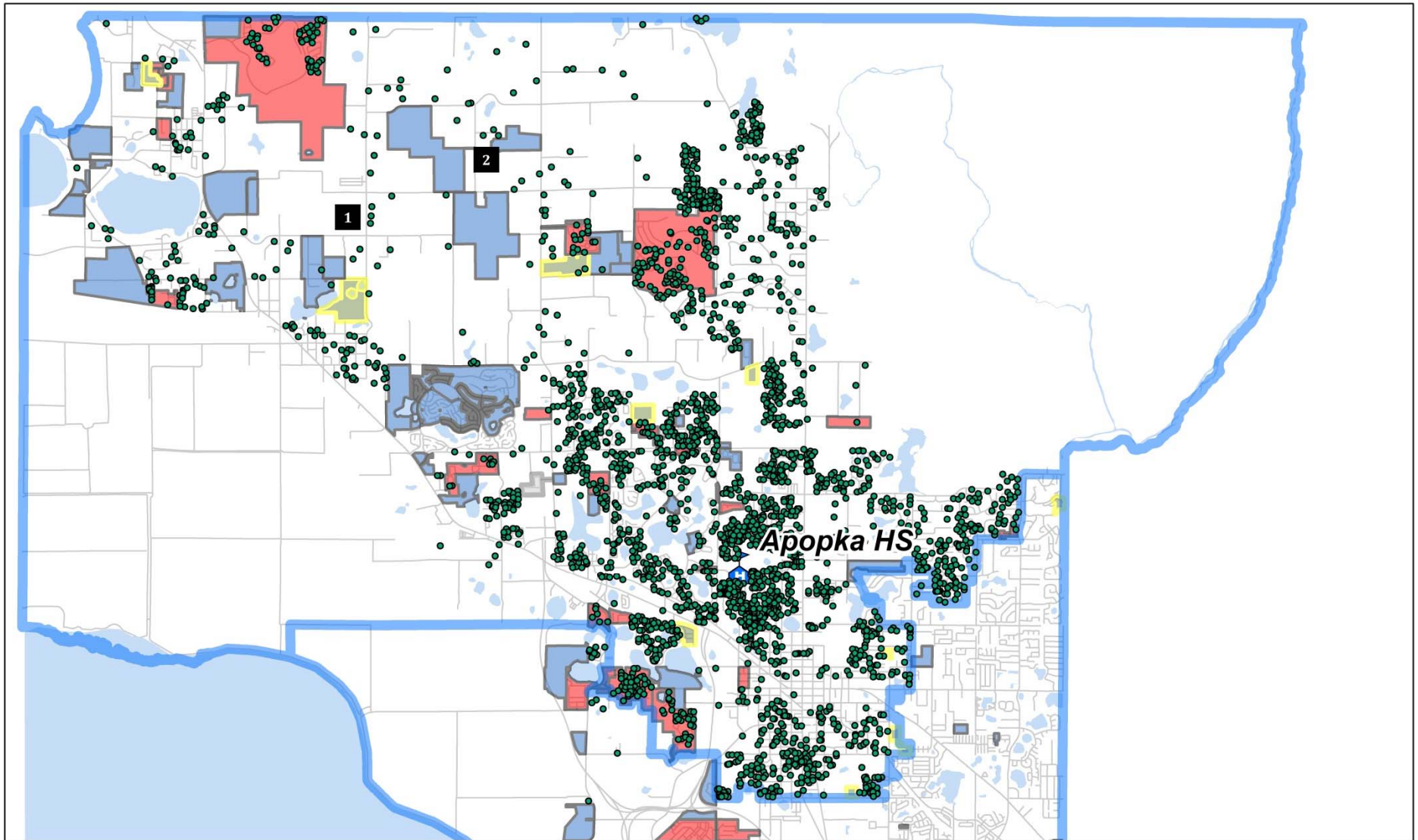
Creates a specified number of random point features. Random points can be generated in an extent window, inside polygon features, on point features, or along line features.

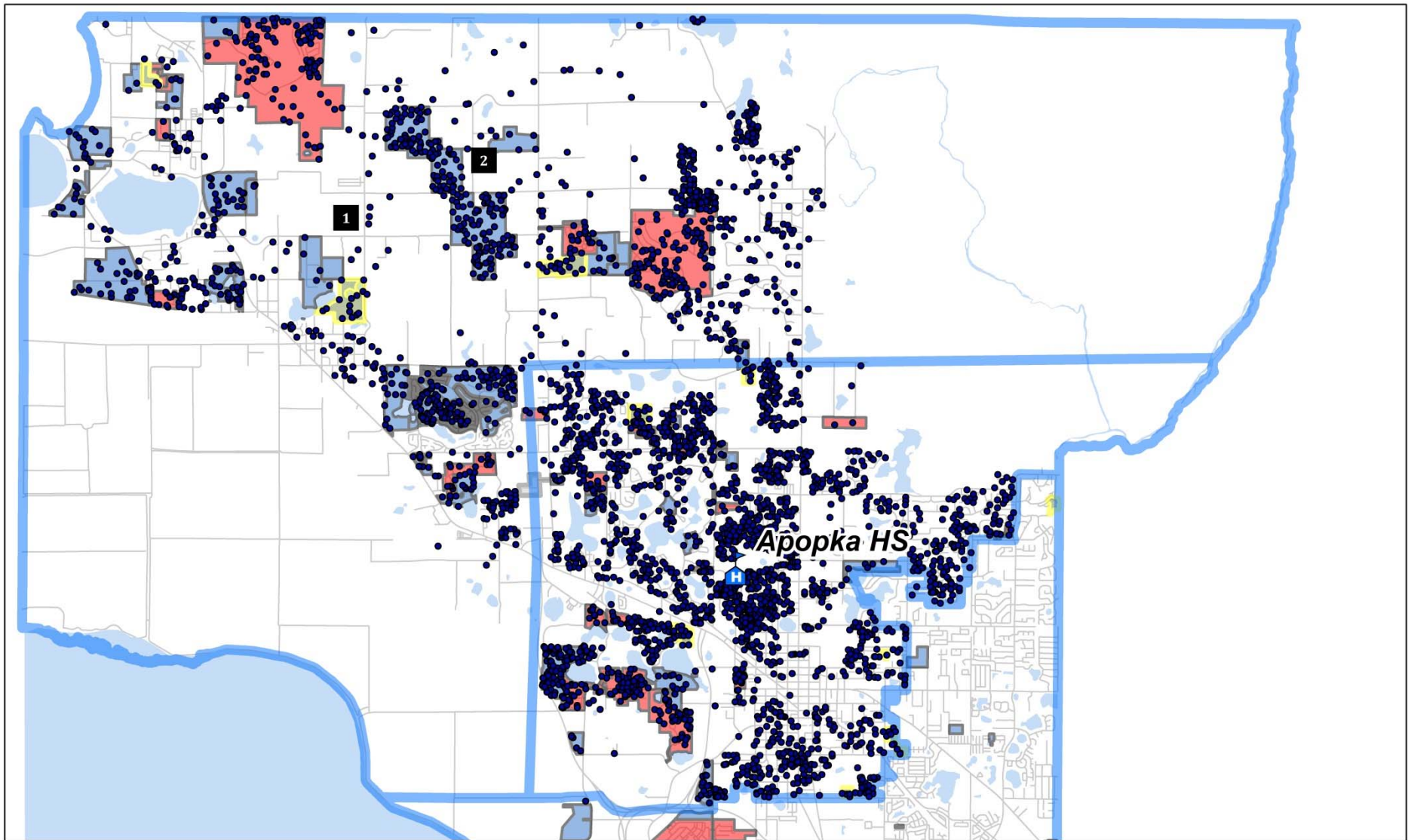






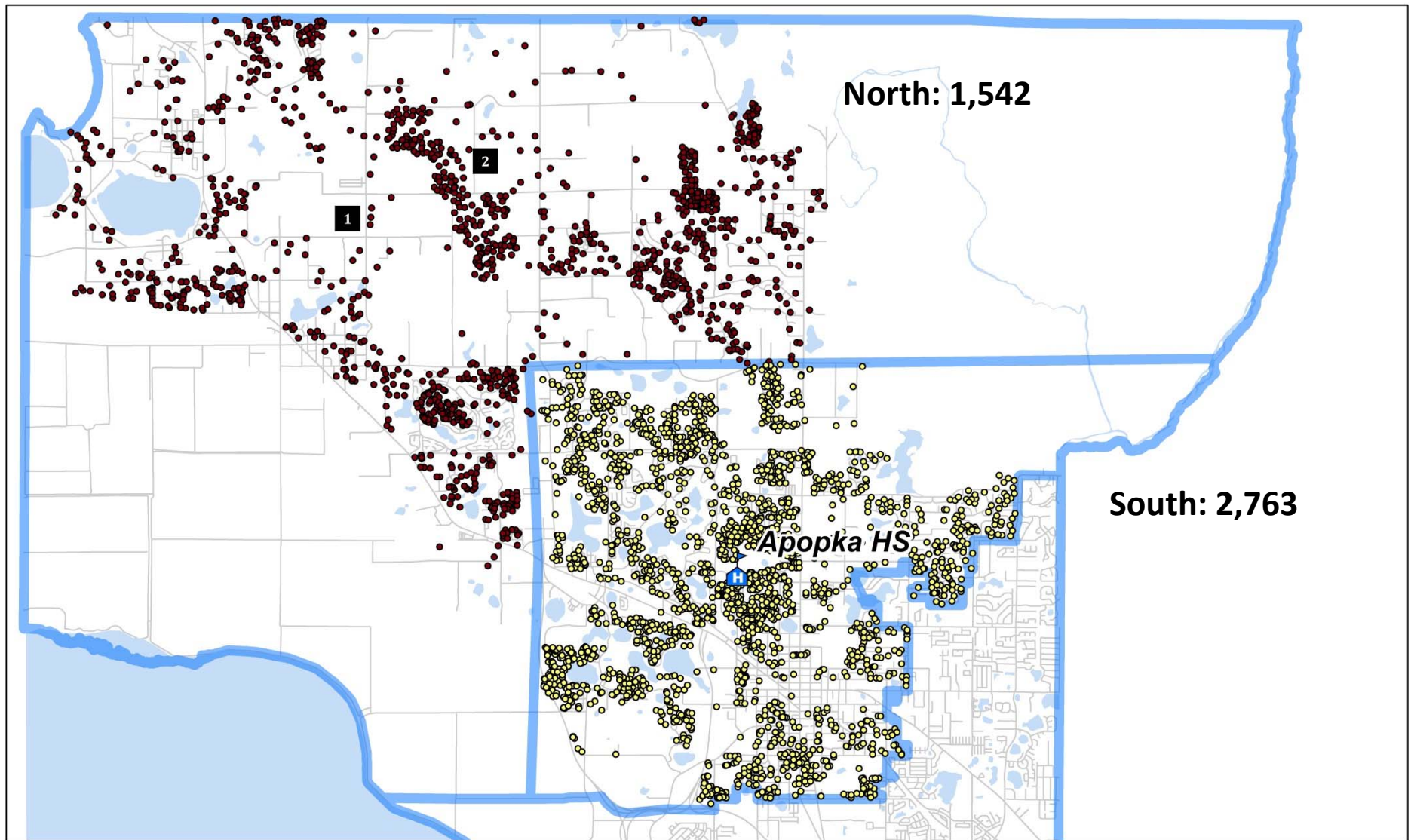


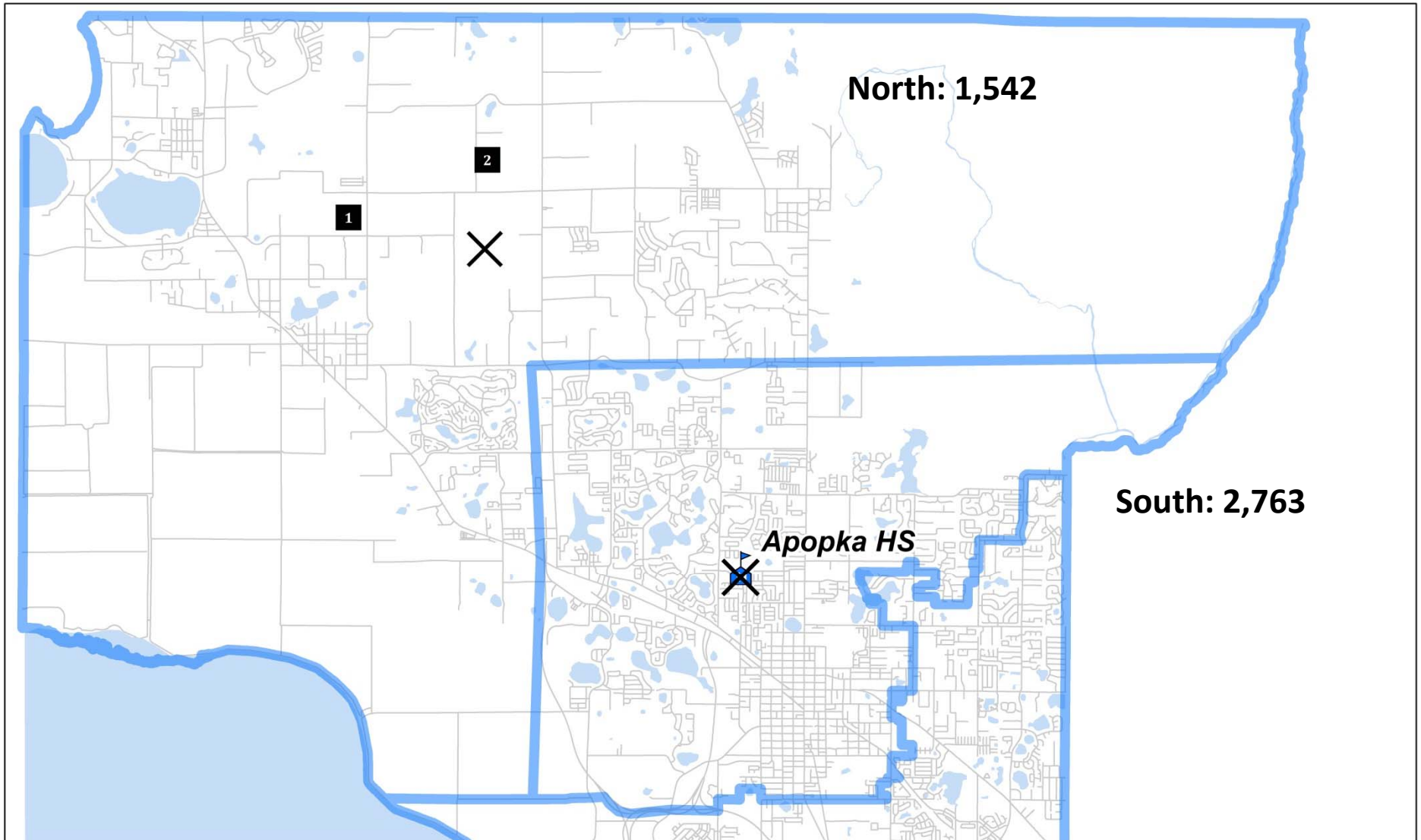




# Orange County Public Schools

# Buildout Points





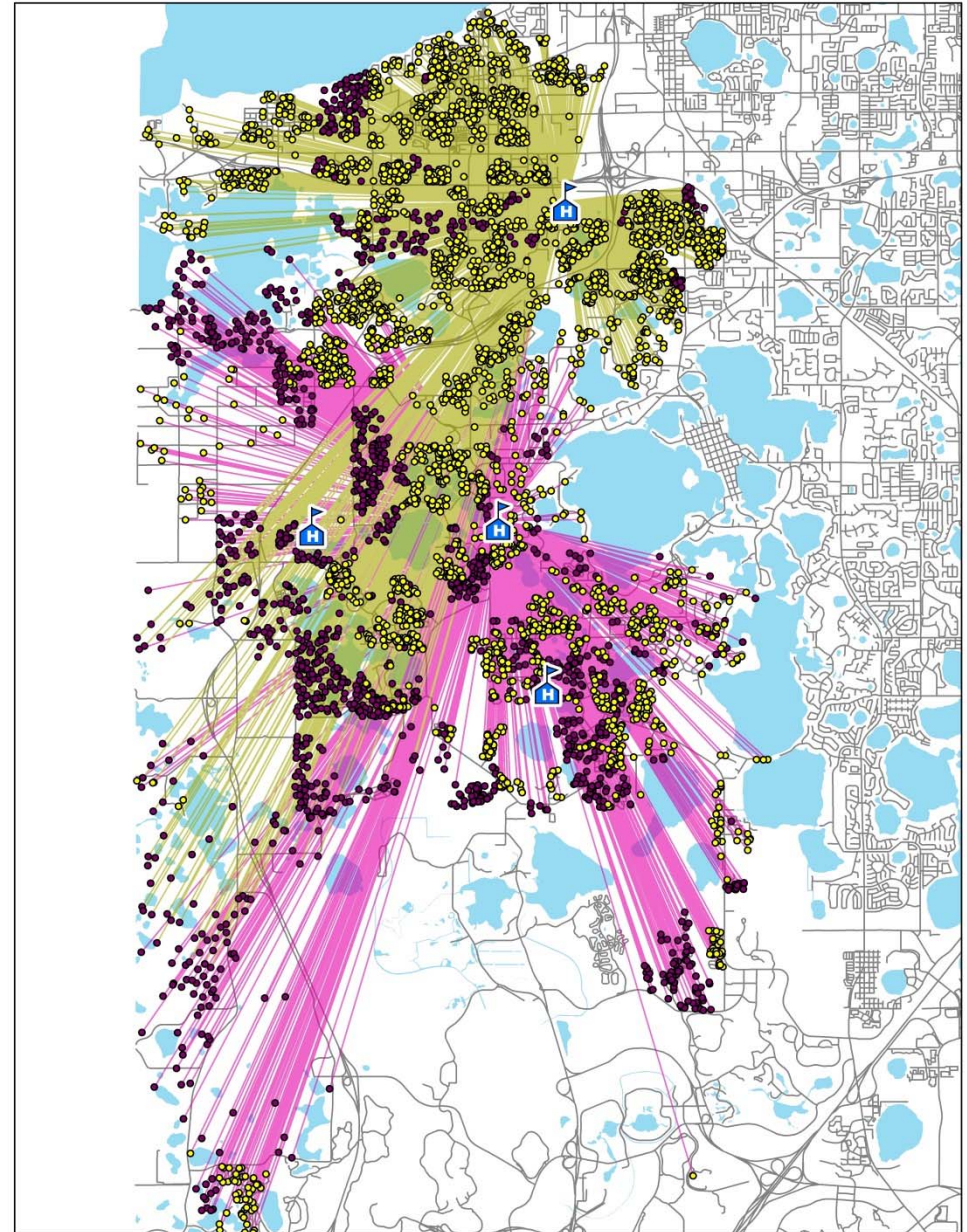
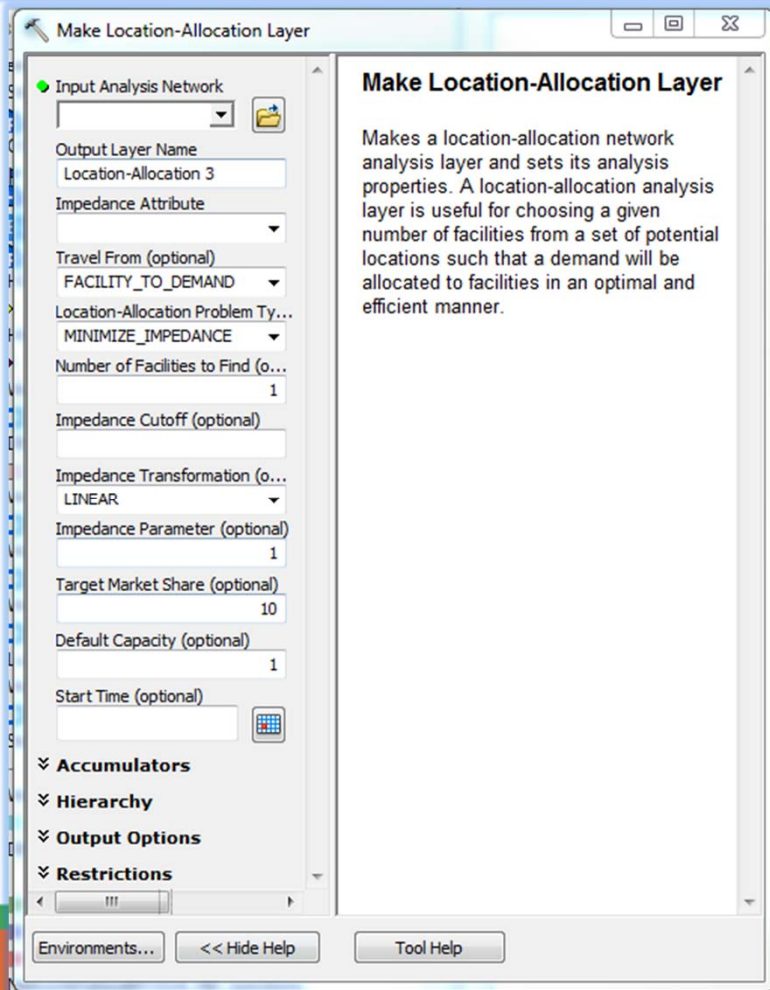
# Orange County Public Schools

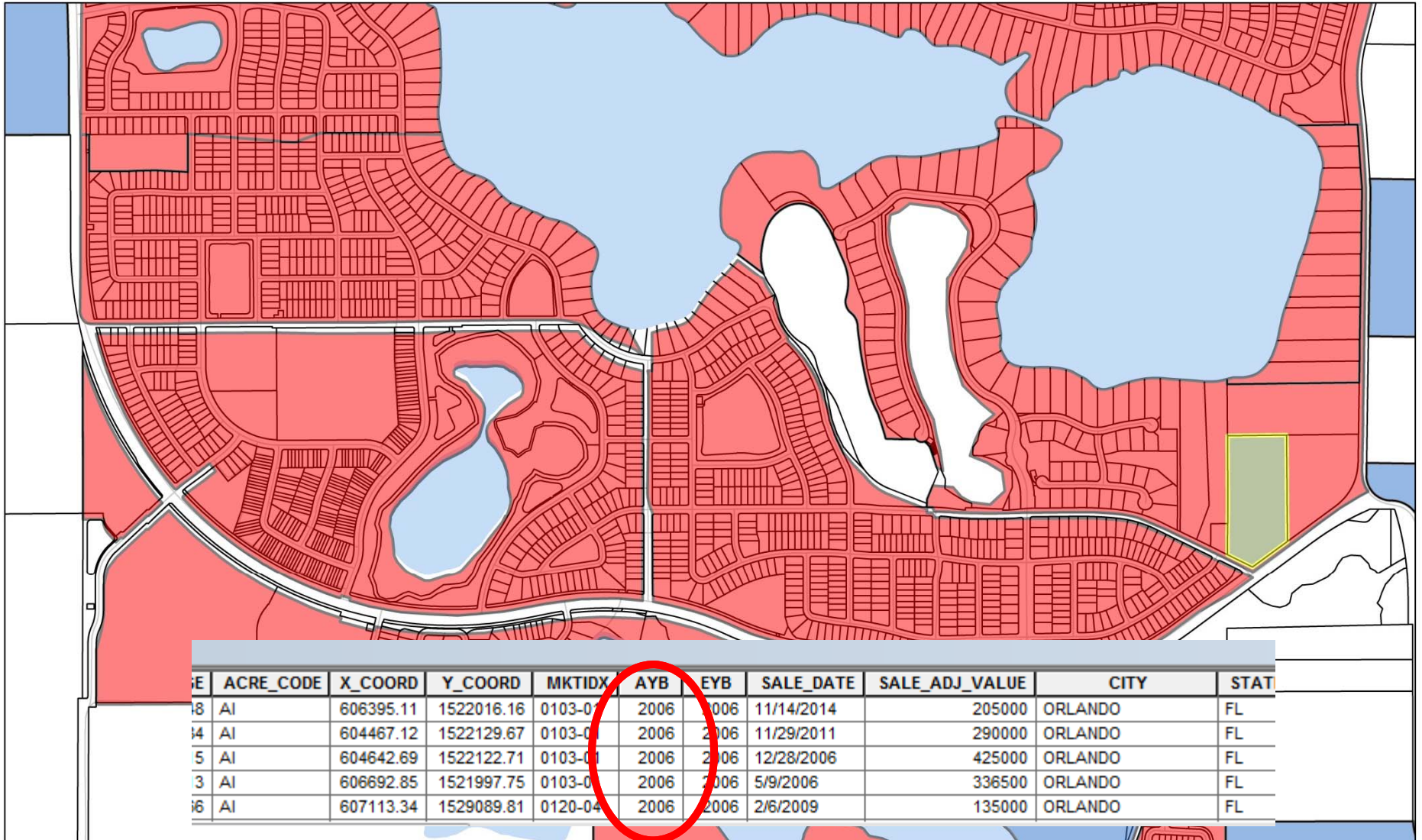
# Where

*(Slide from 2013-14 School Year)*

## 2020-21 West Orange Projected Residing HS Students

### ArcGIS Network Analyst Ext: Location-Allocation







## 10-Year School Enrollment Projections

Real Estate ID	Priority Number per A	Location-Num	Name	Permanent Program Capacity	Enrollment 2015-16	Difference	FY 2016-17	Difference	FY 2017-18	Difference	FY 2018-19	Difference	FY 2019-20	Difference	FY 2020-21	Difference	FY 2021-22
<b>37-M-SW-4 (1)</b>	1	1762	Bridgewater MS	1,040	1,559	520	1,868	829	2,148	1,109	2,472	1,432	2,826	1,786	3,002	1,962	3,204
<b>University Func. Equity</b>		1001	University HS	2,590	3,165	575	3,153	563	3,365	776	3,245	655	3,197	607	3,318	728	3,436
<b>72-E-W-7</b>	2	141	Lakeville ES	536	848	312	829	293	786	250	730	194	716	180	695	159	714
		1321	Maxey ES	500	297	(203)	309	(191)	290	(210)	293	(207)	301	(199)	302	(198)	307
		941	Prairie Lake ES	809	1,014	205	1,000	191	1,052	243	1,089	280	1,136	327	1,220	411	1,295
		1361	Wheatley ES	445	448	3	462	17	463	18	462	17	453	8	449	4	458
<b>Blankner Func. Equity</b>		631	Blankner K8	891	1,079	188	1,095	204	1,088	197	1,074	183	1,065	174	1,053	162	1,048
<b>Chain of Lakes Func. Equity</b>		1291	Chain of Lakes MS	996	1,317	321	1,360	364	1,464	468	1,608	611	1,694	697	1,621	624	1,503
<b>25-E-SW-4</b>	3	1392	117-E-SW-4	786			904	118	1,061	275	1,200	414	1,259	473	1,343	557	1,377
<b>114-E-W-4</b>	4	1482	Independence	786	786	0	644	(142)	855	69	948	162	1,053	267	1,148	362	1,188
		1791	Keene's Crossing	812	893	81	982	170	1,076	264	1,130	318	1,174	362	1,254	442	1,320
<b>Lee MS Func. Equity</b>		581	Lee MS	783	946	163	865	82	993	210	1,175	392	1,223	440	1,236	453	1,208
<b>90-E-N-7</b>	5	1011	Rock Springs	803	824	21	820	17	853	50	823	20	785	(18)	750	(53)	737
		1751	Wolf Lake ES	744	1,180	436	1,205	461	1,174	430	1,172	428	1,144	400	1,145	401	1,159
		461	Zellwood ES	569	627	58	646	77	626	57	626	57	637	68	676	107	728
<b>Avalon ES Func. Equity</b>		222	Avalon ES	601	952	351	925	324	940	339	901	300	860	259	848	247	845
<b>20-E-SW-4</b>	6	811	Tangelo Park	650	427	(223)	556	(94)	566	(84)	585	(65)	577	(73)	571	(79)	559
		1051	Waterbridge	814	1,174	360	1,189	375	1,257	443	1,275	461	1,263	449	1,268	454	1,279
<b>Pineloch ES Relief</b>	7	1492	81-E-SW-5	786	0	(786)	908	122	931	145	967	181	993	207	1,001	215	1,010
		1553	Millennia	732	1,102	370	912	180	970	238	1,046	314	1,116	384	1,118	386	1,160
		231	Pineloch ES	770	893	123	925	155	993	223	1,026	256	1,085	315	1,109	339	1,153
		1621	Shingle Creek	752	1,133	381	834	82	779	27	769	17	791	39	809	57	828

School	Priority	FY16 CIP	FY17 AP	FY17 Tentative CIP	Funding Source
Wedgefield School		2016	2016	2016	Impact Fees
Bay Lake ES		2016	2016	2016	Impact Fees
Millenia Gardens ES		2016	2016	2016	Impact Fees
21-M-E-2		2017	2017	2017	Impact Fees
52-M-SE-2		2017	2017	2017	Impact Fees
27-H-W-4		2017	2017	2017	Impact Fees
133-K8-N-6		2017	2018	2018	Impact Fees
44-E-SE-2		2017	2017	2017	Impact Fees
84-E-W-4		2017	2017	2017	Impact Fees
37-M-W-4	1	2019	2019	2019	Impact Fees
72-E-W-7	2	N/A	2019	2019	Impact Fees
25-E-SW-4	3	N/A	2019	2019	Impact Fees
114-E-W-4	4	2021	2020	2020	Impact Fees
90-E-N-7	5	2021	2020	2020	Impact Fees
20-E-SW-4	6	2020	2020	2020	Impact Fees
118-E-SW-5	7	N/A	2020	2021	Impact Fees
30-E-SE-3	8	N/A	2021	2022	Sales Tax
80-H-SW-4	9	2023	2021	2022	Impact Fees/CIT
83-E-SE-2	10	N/A	2021	2022	Impact Fees
34-M-N-7	11	N/A	2021	2023	Impact Fees
65-M-W-4	12	2023	2022	2023	CIT
102-E-W-4	13	2024	2022	2023	Impact Fees
56-M-SE-2	14	2024	2023	2024	Impact Fees
134-K8-N-7	15	N/A	2023	2025	Impact Fees
100-E-SE-2	16	N/A	2023	2025	Impact Fees
43-E-SE-2	17	2024	2025	2025	Impact Fees
8-M-W-4	18	N/A	2025	2027	Impact Fees
48-M-SW-4	19	N/A	2025	2027	CIT



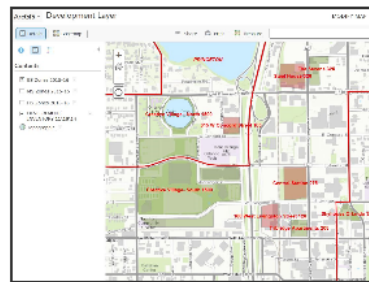
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- Employee

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- Map Library
- Geographic Information Systems
- Demographics
- School Concurrency
- School Impact Fee

## DEMOGRAPHICS



NEW: Click the Map Above to View New Residential Development  
 (Updated March 31, 2016)

ArcGIS - New Residential Development

Details | Basemap | Legend

Legend  
 ES Zones 2016-17

DEVELOPMENT INVENTORY

- Completed
- Planned
- Platting
- Stopped
- Underway

### Enrollment Projections

- Enrollment Projection Methodology  
Updated April 6, 2008
- Ten-Year Enrollment Projections  
Added February 1, 2016
- One-Year Budget Projection for 2016-17  
Added February 1, 2016

### Residential Development Inventory

- Developments by 2016-17 ES Zone  
Updated March 10, 2016
- Developments by 2016-17 MS Zone  
Updated March 10, 2016
- Developments by 2016-17 HS Zone  
Updated March 10, 2016

### Permanent Program Capacity

- Permanent Program Capacity Methodology  
Updated December 2007
- Permanent Program Capacity by School  
Updated March 8, 2016

### Support Data

- Live Births by 2016-17 Attendance Zone  
Updated November 30, 2015
- Charter Student Location Study 2015 -16  
Updated March 8, 2016
- Student Generation Rates  
Effective August 8, 2016

### Feeder Patterns

- Elementary Schools  
Elementary Schools and their Feeding Middle and High Schools (Updated February 16, 2016)
- Middle Schools  
Middle Schools and their Feeding High Schools (Updated February 16, 2016)
- High Schools  
High Schools and their Rising Middle and Elementary Schools (Updated February 16, 2016)
- Middle Schools  
Middle Schools and their rising Elementaries (Updated February 16, 2016)

