



COVE Meeting

CITIZENS' CONSTRUCTION OVERSIGHT AND VALUE ENGINEERING

October 23, 2019

COVE Meeting Agenda

Wednesday, October 23, 2019 @ 8:00 a.m.
Facilities Services - Building 200
6501 Magic Way, Orlando, Florida 32809

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

- Chairman Comments

II. Departmental Reports

- Project Status Report - Jeff Hart/Mark O'Connor ----- Pg. 5-11
- Change Order Update - Ed Ames ----- Pg. 12-19
- Capital Renewal Update - Rory Salimbene ----- Pg. 20-28

III. Presentations/Reports

- Demographics Update - Carol McGowin/Tom Moore

IV. Discussion and Adjournment

- The next COVE Meeting will held on November 21, 2019.

COVE MEETING MINUTES



The Construction Oversight and Value Engineering Committee (COVE) monthly meeting convened on Thursday, September 19, 2019 at 8:05 a.m., at Facilities Services, 6501 Magic Way, Bldg. 200, Orlando, Florida 32809.

COVE Members in Attendance: Ksenia Merck, Pat Knipe, James Knapp, and Douglas Kelly.

OCPS Staff in Attendance: Superintendent Barbara Jenkins, John Morris, Laura Kelly, Dale Kelly, Judith Padres, Craig Jackson, Mark O'Connor, Aaron Smith, Ed Ames, Rory Salimbene, Tom Goodman, Basem Ghneim, Lauren Roth, Rosalyn Simmons, Mari Espinal, Linda Lindsey, Alva Johnson, Toni Greene, Malika Joseph, and Sandra Roopwah (as scribe).

Call to Order:

A quorum was established and Chairman Ksenia Merck called the meeting to order at 8:05 a.m.

Chairman Comments

Ksenia Merck thanked the OCPS team for the tour of Pershing School that was conducted in August.

Superintendent Barbara Jenkins announced that Vice-Chairman Pat Knipe will be inducted into the Mid-Florida Business Junior Achievement Hall of Fame on Thursday, September 26, 2019 at the Rosen Centre Hotel.

Approval of Minutes

The minutes from June 20, 2019 were presented and approved unanimously by the committee.

Departmental Reports

➤ Finance Report

Judith Padres reported that since our last report, the School Board approved the new adopted budget on September 10, 2019. She mentioned that there were three (3) new relief schools added to the list to be completed in 2021 (Site 43-E-SE-2, Site 80-H-SW-4, and Site 113-H-W-4). Additionally, four (4) new schools were added to the list to be completed in 2022 (Site 30-E-SE-3, Site 90-K8-N-7, Site 132- M-W-4 and 89-E-W-4).

Dale Kelly reported one (1) month of Sales Tax collected for the current budget

year, which is just under \$23 million. Currently, the overall Sales Tax collection to-date is over \$3 billion.

➤ **Project Status Report**

Mark O'Connor reported that there were budget adjustments for three (3) projects, including (1) Site 43-E-SE-2 was decreased by approximately \$2 million for de-escalation savings resulting from the move of the opening date from 2023 to 2021, (2) Site 118-E-SW-2 was increased by approximately \$1.5 million for escalation costs resulting from the move of the opening date from 2020 to 2021, and (3) Site 113-H-W-4 was increased by approximately \$2.3 million to account for scope of work related to the addition of the proposed bus depot.

Craig Jackson reported that there are currently 17 projects under construction amounting to approximately \$412 million. He briefed the Committee on projects under construction, substantial completions, anticipated future milestones, projects in closeout and those in the design phase. He also presented various aerials for the projects that have achieved substantial completion.

➤ **M/WBE Update**

Aaron Smith presented the M/WBEs, LBDs and VBEs report for the fourth quarter of Fiscal Year 2019. He mentioned that there have been four (4) new certified LBDs.

➤ **Change Order Report**

Ed Ames reported that since the last report, there have been various significant change orders, including, (1) the ODP reconciliation for Sally Ride Elementary School, (2) the reconciliation of CCD changes related to safety issues at Colonial High School, (3) various safety enhancement projects, and (4) the reconciliation of the CCD changes related to unforeseeable conditions at the Pine Hills Bus Depot.

Pat Knipe questioned the costs associated with redesigning Site 83-E-SE-E item #8 on page 41. Laura Kelly explained that the City of Orlando's approval was required for the site plan; however, the City was not supportive of the initial site plan and building orientation triggering the need for a redesign.

➤ **Capital Renewal Update**

Rory Salimbene reported there are 44 active projects currently in progress on 40 different sites. The total estimated cost for these 44 projects is approximately \$171.6 million and the total construction cost is approximately \$132.9 million. There are 11 projects in planning, 11 in design, and 22 projects under construction.

Rory Salimbene presented a new format of the Capital Renewal Report to the

Committee and asked if they would approve the new format going forward. The Committee voted on a motion to approve the new format and the motion passed.

Presentation

➤ **HVAC Presentation**

Rory Salimbene provided an overview of the district's heating, ventilating and air conditioning (HVAC) approach and the methodology used to maintain the system via capital renewal. Tom Goodman provided an overview of commissioning and its role in ensuring efficient HVAC operation.

➤ **Lessons Learned**

Basem Ghneim presented an overview of the lessons learned from the 2019 openings.

➤ **Community Update**

Lauren Roth provided photos of the grand opening that was held at Boone HS and the sneak peeks that were held at six (6) new or renovated schools (Castleview ES, Deerwood ES, Horizon West MS, Pershing School, Water Spring ES and Colonial HS).

Adjournment

- The next meeting was scheduled to be held on Thursday, October 17, 2019, at 8 a.m. but due to conflicts a request was made by Chair Merck to change to Wednesday, October 23, at Facilities Services, 6501 Magic Way, Bldg. 200, Orlando, Florida 32809. Members were solicited and a quorum was established; therefore, the date was changed to Wednesday, October 23rd at 8:00 a.m.
- As there were no further business, the meeting was adjourned at 10:10 a.m.

Minutes Authenticated by:

Ksenia Merck
Chairman COVE Committee

Date of approval

Laura L. Kelly
Legal Services Facilities

Date of approval



PROJECT STATUS SUMMARY REPORT
NEW AND REPLACEMENT SCHOOLS
October 23, 2019

Funding Source	Priority #	School Name	F1 Original 2020 Board Adopted Budget	F2 Adopted Budget Changes	F3 Current Board Adopted Budget	Estimated Cost At Completion	Variance	GMP Amount	F4 Construction Change Orders		F5 ODP Change Orders		Approved Construction		F6 Number of Days Past Substantial (Close-out)	Contract Type	CM / GC Firm	AE Firm	
									Amount	#	Deducts	#	NTP Construct	Contract Subst. Com					
			Budget											Schedule		Contracting			
PLANNING PHASE																			
Impact		Site 30-E-SE-3	27,160,000	-	27,160,000	27,160,000													
Impact		Site 89-E-W-4	27,160,000	-	27,160,000	27,160,000													
Impact		Site 90-K8-N-7	49,050,000	-	49,050,000	49,050,000													
Impact		Site 118-E-SW-5	25,755,000	-	25,755,000	25,755,000													
Impact		Site 132-M-W-4	44,880,000	-	44,880,000	44,880,000													
Sales Tax	135	OTC Winter Park Campus	32,470,000	-	32,470,000	32,470,000													
		Sub Total	206,475,000	-	206,475,000	206,475,000													
DESIGN PHASE																			
Impact		Site 43-E-SE-2	25,750,000	-	25,750,000	25,750,000													
Sales Tax	134	Site 73-T-W-7 (OTC Westside Campus)	38,760,000	-	38,760,000	38,760,000													
Impact	New	Site 113-H-W-4	117,348,000	-	117,348,000	117,348,000													
		Sub Total	181,858,000	-	181,858,000	181,858,000													
CONSTRUCTION PHASE																			
Impact	New	Site 20-E-SW-4	24,290,000	-	24,290,000	24,290,000	-	19,866,684			(4,966,671)	1	5/17/2019	5/13/2020		GMP	CORE	Rhodes + Brito	
Impact	New	Site 80-H-SW-4	115,040,000	-	115,040,000	115,040,000	-	14,664,672					9/17/2019	5/14/2021		GMP	Pirtle	Schenkel	
Impact	New	Site 83-E-SE-3	25,529,000	-	25,529,000	25,529,000	-	21,750,096			(4,918,466)	1	7/1/2019	6/25/2020		GMP	CPPI	Rhodes + Brito	
Impact	New	Site 85-E-W-4	24,290,000	-	24,290,000	24,290,000	-	17,900,162			(4,475,041)	1	7/24/2019	6/10/2020		GMP	OHL	Rhodes + Brito	
Sales Tax		Boone HS (Auditorium, gym, cafeteria)	31,000,000	-	31,000,000	31,000,000	-	23,288,274			(5,741,808)	3	6/20/2018	7/7/2020		GMP	Williams Co	Schenkel	
Sales Tax	119	Deerwood ES	22,361,000	-	22,361,000	22,361,000	-	18,690,486	170,704	2	(4,672,621)	1	6/1/2018	10/15/2019		GMP	Pirtle	Schenkel	
Sales Tax		Magnolia School and Behavior Center	47,600,000	-	47,600,000	47,600,000	-	38,630,833			(9,657,708)	1	7/3/2019	7/23/2021		GMP	CPPI	Harvard Jolly	
Sales Tax	128	Pinar ES	20,008,000	-	20,008,000	20,008,000	-	16,333,189			(4,083,297)	1	6/25/2019	10/2/2020		GMP	RL Burns	Schenkel	
Sales Tax	121	Rolling Hills ES	20,100,000	-	20,100,000	20,100,000	-	15,988,088			(3,997,022)	1	6/25/2019	6/8/2020		GMP	Pirtle	Zyschovich	
Sales Tax	125	Winegard ES	23,090,000	-	23,090,000	23,090,000	-	18,735,137			(4,683,785)	1	7/2/2019	11/13/2020		GMP	Williams Co	Schenkel	
CIT	New	Pine Hills Transportation	31,000,000	-	31,000,000	31,000,000	-	21,742,090	1,188,897	7	(5,177,553)	3	9/21/2017	11/19/2018		GMP	Ajax	BRPH	
		Sub Total	384,308,000	-	384,308,000	384,308,000	-	\$227,589,711	\$1,359,600	9	(52,373,973)	14							
CLOSE OUT PHASE																			
Impact	New	Audubon Park School (Site 133-K8-E-6)	38,853,000	-	38,853,000	38,853,000	-	31,003,724	(303,876)	3	(8,502,182)	3	3/17/2017	7/24/2018	456	GMP	Welbro	Baker Barrios	
Impact	New	Castleview ES (Site 25-E-SW-4)	22,725,000	-	22,725,000	22,725,000	-	18,515,591	285,531	4	(4,890,018)	2	6/1/2018	8/15/2019	69	GMP	CPPI	BRPH	
Sales Tax		Colonial HS (Auditorium)	17,000,000	-	17,000,000	17,000,000	-	13,836,772	4,915	1	(3,459,193)	2	6/8/2018	10/7/2019	16	GMP	Gilbane	Schenkel	
Impact	New	Horizon West MS (Site 37-M-SW-4)	37,684,000	-	37,684,000	37,684,000	-	30,366,051	239,887	3	(9,016,459)	3	2/23/2018	7/1/2019	114	GMP	Wharton	Harvard Jolly	
Impact	Relief	Timber Springs MS (Site 21-M-E-2)	36,998,000	-	36,998,000	34,655,000	2,343,000	30,047,858	(175,273)	4	(7,843,625)	3	2/1/2016	6/23/2017	852	GMP	Pirtle	Hunton Brady	
Impact	New	Water Spring ES (Site 49-E-W-4)	22,406,000	-	22,406,000	22,406,000	-	18,048,328	257,615	3	(4,880,087)	2	6/1/2018	7/3/2019	112	GMP	Welbro	Schenkel	
Sales Tax	124	Frangus ES	22,934,000	-	22,934,000	22,934,000	-	18,622,711	86,472	2	(4,559,106)	2	7/25/2017	10/30/2018	358	GMP	Williams Co	BRPH	
Sales Tax	130	Hidden Oaks ES	18,776,000	-	18,776,000	18,776,000	-	14,608,038	51,165	4	(3,630,193)	2	7/24/2017	9/18/2018	400	GMP	CORE	Harvard Jolly	
Sales Tax	129	Hungerford ES	22,522,000	-	22,522,000	22,522,000	-	14,723,364	106,450	4	(3,684,500)	1	7/27/2017	10/30/2018	358	GMP	Gilbane	Schenkel	
Sales Tax	New	Lake Como School (Site 205-K8-SW-6)	37,810,000	-	37,810,000	36,679,000	1,131,000	30,108,765	(1,062,403)	4	(7,359,254)	2	2/7/2017	6/19/2018	491	GMP	Williams Co	Harvard Jolly	
Sales Tax	127	Maxey ES (Site 207-E-W-7)	17,500,000	-	17,500,000	17,500,000	-	14,609,699	(271,741)	5	(3,508,745)	2	7/17/2017	7/17/2018	463	GMP	Clancy & Theys	Schenkel	
Sales Tax	New	OCPS ACE (PS8 Site 131-PS8-SW-5)	61,103,000	-	61,103,000	61,103,000	-	51,499,557	243,050	7	(13,294,657)	2	4/16/2015	8/7/2017	807	GMP	Williams Co	Baker Barrios	
Sales Tax	120	Pershing School (Site 208-K8-SE-3)	39,007,000	-	39,007,000	39,007,000	-	29,563,321	107,154	6	(7,702,440)	2	2/23/2018	6/28/2019	117	GMP	Williams Co	Zyschovich	
Sales Tax	106	Pine Hills ES	21,522,000	-	21,522,000	21,271,000	251,000	17,489,097	(306,980)	2	(4,028,915)	2	7/20/2017	7/26/2018	454	GMP	Pirtle	BRPH	
Sales Tax	123	Ventura ES Replacement	24,711,000	-	24,711,000	24,711,000	-	18,338,709	46,735	12	(3,888,544)	2	10/1/2015	10/10/2017	743	GMP	Turner	Schenkel	
		Sub Total	441,551,000	-	441,551,000	437,826,000	3,725,000	351,381,585	(691,299)	64	(90,247,918)	32							
Grand Total			1,214,192,000	-	1,214,192,000	1,210,467,000	3,725,000	578,971,296	668,302	73	(142,621,891)	46							

Footnotes

- F1 - Reflects figure from the 10yr Capital Budget dated September 10, 2019.
- F2 - Reflects changes to the FY 2020 board adopted budget.
- F3- Amount comprised of prior year expenditures, current and future planned funding (Summary Budget FY 2020). There are no land costs included.
- F4 - Reflects total number of change orders and cumulative change order amount. Does not include ODP deductive and reconciliation change orders.
- F5 - Reflects the total amount and number of ODP deductive and reconciliation change orders to date.
- F6 - Reflects number of days beyond substantial completion. See justification below under Close Out Delays.

Close Out Delays

- Audubon Park School** – CFI awaits upgrade of the safety enhancement system.
- Frangus ES** – CFI awaits upgrade of the safety enhancement system.
- Hidden Oaks ES** – CFI awaits upgrade of the safety enhancement system.
- Hungerford ES** – CFI awaits upgrade of the safety enhancement system.
- Lake Como School** – CFI awaits upgrade of the safety enhancement system.
- Maxey ES** - CFI awaits upgrade of the safety enhancement system.
- Timber Springs MS** – CFI delayed due to corrective work required to be performed on the soccer field which was not discovered until post substantial completion and upgrade of the safety enhancement system.
- OCPS ACE** - CFI delayed due to corrective work required to be performed on the soccer field which was not discovered until post substantial completion and upgrade of the safety enhancement system.
- Pine Hills ES** - CFI awaits upgrade of the safety enhancement system.
- Ventura ES** – CFI delayed due to reconciliation of final project costs and time impacts and upgrade to the safety enhancement system.

Other

- Site 80-H-SW-4:** GMP amount represents the site package.
- Boone HS:** GMP amount represents the sum of the Auditorium, Gymnasium, and Generator Packages.



PROJECT STATUS SUMMARY REPORT
COMPREHENSIVE SCHOOLS
 October 23, 2019

Funding Source	Priority #	School Name	F1	F2	F3	Estimated Cost At Completion	Variance	GMP Amount	F4		F5		Approved Construction		F6 Number of Days Past Substantial (Close-out)	Contract Type	CM / GC Firm	AE Firm	
			Original 2020 Board Adopted Budget	Adopted Budget Changes	Current Board Adopted Budget				Construction Change Orders	ODP Change Orders	NTP Construct	Contract Subst. Com							
			Budget										Schedule		Contracting				
PLANNING PHASE																			
Sales Tax	133	OTC Mid-Florida Campus	106,330,000	-	106,330,000	106,330,000													
		Sub Total	106,330,000	\$0	\$106,330,000	\$106,330,000													
DESIGN PHASE																			
Sales Tax	132	Meadow Woods MS	25,204,000	-	25,204,000	25,204,000													
Sales Tax	136	OTC Orlando Campus	30,447,000	-	30,447,000	30,447,000													
		Sub Total	55,651,000	-	\$55,651,000	\$55,651,000													
CONSTRUCTION PHASE																			
Sales Tax	65	Acceleration West	14,840,000	-	14,840,000	14,840,000	-	9,881,677			-		10/11/2019	7/27/2020		GMP	T & G	BRPH	
Sales Tax	108	Southwest MS	24,944,000	-	24,944,000	24,944,000	-	15,899,687			(2,918,793)	1	2/15/2019	7/27/2020		GMP	Walker	C.T. Hsu	
		Sub Total	39,784,000	\$0	\$39,784,000	\$39,784,000	-	\$25,781,364	-	0	(2,918,793)	1							
CLOSE OUT PHASE																			
Sales Tax	100	Corner Lake MS	20,979,000	-	20,979,000	20,979,000	-	13,851,636	606,437	5	(3,462,909)	1	3/9/2018	7/30/2019	85	GMP	Wharton	C.T. Hsu	
Sales Tax	118	Lake Gem ES	16,371,000	-	16,371,000	16,371,000	-	11,125,623	440,324	4	(2,110,329)	1	6/20/2018	8/5/2019	79	GMP	Wharton	Hunton Brady	
Sales Tax	111	Lake George ES	13,016,000	-	13,016,000	13,016,000	-	8,699,086	312,159	3	(2,174,772)	1	6/20/2018	7/31/2019	84	GMP	CORE	Hunton Brady	
Sales Tax	92	Dover Shores ES (Jackson MS)	21,868,000	-	21,868,000	21,868,000	-	18,029,283	(171,784)	5	(3,980,889)	5	7/18/2017	12/7/2018	320	GMP	CPPI	Rhodes & Brito	
Sales Tax	93	Sally Ride ES	20,206,000	-	20,206,000	20,206,000	-	15,663,493	279,033	3	(3,603,742)	2	7/17/2017	10/23/2018	365	GMP	Charles Perry	Song & Assoc	
Sales Tax	116	Sunrise ES	13,186,000	-	13,186,000	13,186,000	-	8,786,527	310,444	3	(2,196,632)	1	6/20/2018	7/31/2019	84	GMP	CORE	Hunton Brady	
Sales Tax	105	Union Park ES	19,950,000	-	19,950,000	19,950,000	-	16,317,570	105,022	2	(3,195,456)	2	7/27/2017	10/26/2018	362	GMP	Pirtle	Zyscovich	
		Sub Total	125,576,000	\$0	\$125,576,000	\$125,576,000	\$0	92,473,218	1,881,634	25	(20,724,727)	13							
Grand Total			327,341,000	-	327,341,000	\$327,341,000	\$0	118,254,582	1,881,634	25	(23,643,520)	14							

Footnotes

- F1 - Reflects figure from the 10yr Capital Budget dated September 10, 2019.
- F2 - Reflects changes to the FY 2020 board adopted budget.
- F3- Figure comprised of prior year expenditures, current and future planned funding (Adopted Summary Budget FY 2020). There are no land costs included.
- F4 - Reflects total number of change orders and cumulative change order amount. Does not include ODP deductive and reconciliation change orders.
- F5 - Reflects the total amount and number of ODP deductive and reconciliation change orders to date.
- F6 - Reflects number of days beyond substantial completion. See justification below under Close Out Delays.

Close Out Delays

- Dover Shores ES** – CFI awaits upgrade of the safety enhancement system.
- Sally Ride ES** – CFI awaits upgrade of the safety enhancement system.
- Union Park ES** –CFI awaits upgrade of the safety enhancement system.

Construction Update as of October 10, 2019

We now have **13 projects** under varying degrees of construction amounting to approx. **\$424M**.

2 – Comprehensive = \$39,784,000

- **Southwest MS** (Comprehensive Renovation) – NTP was issued on February 15, 2019, and involves five separate phases with an overall substantial completion scheduled for July 27, 2020.
 - Phase 1 separated into three sub-phases: the renovation of the (1A) chiller yard and replacement of chillers was substantially completed on August 30, 2019 and (1B) administration, gymnasium, cafeteria, and classroom building 900 were substantially completed on August 7, 2019, and (1C) classroom building 200 is scheduled to be completed by December 27, 2019.
 - Phase 2 separated into two sub-phases: (2A) the renovation of classroom building 300 is scheduled to be completed by July 27, 2020, and (2B) the renovation of Building 400 (Media), Building 500 (Art & Votech), and Building 600 (Music), along with remaining site elements are also scheduled to be substantially completed by July 27, 2020.
- **Acceleration West** (Comprehensive Renovation) – Construction NTP is expected to be issued on October 11, 2019, and involves three separate phases, with an overall substantial completion scheduled for July 21, 2020.
 - Phase I includes the renovation of Building 100 (Administration), Building 300 (Classrooms) and Building 500 (Classrooms) and are scheduled to be substantially completed on February 24, 2020.
 - Phase 2 will account for the renovation of Building 400 (Media Center) and is scheduled to be substantially completed on May 22, 2020. This phase will also involve early access into building 200 (Cafeteria).
 - Phase 3 will complete the renovation of Building 200 (Cafeteria), along with the complete removal of all existing on-site portables, site utilities, and the re-grading of the site, and is scheduled to be completed by July 21, 2020.

And,

11 - New/Replacements = \$384,308,000

- **Pine Hills Transportation Compound** – a construction NTP was issued on September 21, 2017, for this Design-Build transportation project, with an overall project completion scheduled for November 2018. The project schedule accounted for multiple phases, with the Bus Parking and Staging areas to have been completed by March 8, 2018, the administration building to be substantially complete in August 2018, and the driver’s lounge and parking, along with the maintenance building to be substantially completed in November 2018.

Due to unsuitable soil material discoveries, and the associated excavation and replacement thereof, the project experienced extensive time delays and resulted in the requests for additional compensation, whereby the Design-Builder reported a revised overall projected substantial completion date of August 30, 2019. Based on current progress and addressing issues with final inspections, a mid-late October 2019 completion is now being reported.

- Initial phase involving the Bus Parking and Staging areas was substantially completed on December 10, 2018, and the Administration Building was completed on January 8, 2019.
- The driver’s Lounges and associated parking were completed on February 14, 2019.
- Based on claims issued by the Design-Builder, additional scope and cost associated with discovered unsuitable soils and debris were settled for just over \$1M.
- Separately, additional debris and loose soils were uncovered at the location for the new fueling island, for which has been addressed.
- **Deerwood ES (Replacement)** - construction NTP was issued on June 1, 2018, and a main building substantial completion was achieved on June 11, 2019; and the subsequent existing building demo and related site amenities are scheduled for completion by October 15, 2019.
 - Due to challenges associated with play area rubberized surface suppliers, the team is anticipating a late October substantial completion date.
- **Boone HS – Gymnasium (Replacement)**
 - Gymnasium - a construction NTP was issued on July 23, 2019, with an overall substantial completion scheduled for July 7, 2020.
- **Site 20-E-SW-4 (South I-Drive area ES relief)** - construction NTP was issued on May 17, 2019, with an overall substantial completion scheduled for April 10, 2020.
 - Due to delays associated with the issuance of the construction NTP and gopher tortoise relocation PO issuance, as well as, tortoise recipient site availability. A time extension of 33 calendar days has been granted, revising the substantial completion date to May 13, 2020.

- **Pinar ES** (Replacement/Renovation) - construction NTP was issued on June 25, 2019, and the completion of the new main building is scheduled for substantial completion on April 3, 2020; and the subsequent existing building demo and related site amenities are scheduled for completion by October 2, 2020.
- **Rolling Hills ES** (Replacement/Renovation) - construction NTP was issued on June 25, 2019, with an overall substantial completion scheduled for May 29, 2020.
 - Due to a late issuance of the NTP to the CM, a 10 day time extension has been requested by the CM, whereby the revised substantial completion date will be June 8, 2020.
- **Site 83-E-SE-3** (SE Orlando/Lee Vista area ES relief) – an early site package construction notice to proceed was issued on July 1, 2019, and an off-site retention pond and new building construction NTP was issued on August 14, 2019, with an overall substantial completion scheduled for June 25, 2020.
- **Site 85-E-W-4** (Horizon West/Bridgewater Village South ES relief) - construction NTP was issued on July 24, 2019, with an overall substantial completion scheduled for June 10, 2020.
 - Due to comments received from the County in regards to requirements for on-site vehicular queuing, along with optimizing the play area, a \$740,000 change order is being submitted to the Board late October. This issue will also extend the substantial completion date by 12 days, to June 22, 2020.
- **Magnolia School and Behavior Center** (New/Replacement) - a construction notice to proceed was issued on July 3, 2019 for the overall project. The replacement building for the Magnolia School is scheduled for an overall substantial completion on June 8, 2020. And upon completion, the new Behavior Center building will commence with a scheduled completion on May 14, 2021. The balance of the site amenities, track and play courts, are then scheduled for an overall completion on July 23, 2021.
- **Winegard ES** (Replacement/Renovation) - construction NTP was issued on July 2, 2019, with a main building substantial completion scheduled for June 1, 2020, existing classroom building limited renovation substantial completion scheduled for August 7, 2020, and an existing building demo and related site amenities substantial completion scheduled for November 13, 2020.
- **Site 80-H-SW-4** (New Relief HS – Dr. Phillips area) – construction NTP of the early site package was issued on September 17, 2019. Substantial completion of the early package along with the main building package, once executed, will by May 14, 2021.
 - The main building package bidding exercise just concluded and is scheduled for a GMP submission by the CM late October 2019. The main building package has an anticipated NTP scheduled for mid-December 2019.

Since our last report:

- Substantial Completions achieved:
 - Safety enhancements recently added to the projects completing this summer have been installed and currently going through final inspections and being energized with final reports pending. These occurred at Deerwood ES, Castlevew ES, Corner Lake MS, Lake George ES, Sunrise ES, Horizon West MS, Lake Gem ES, and Water Spring ES. Pershing K-8 continues to be addressed.
 - Colonial HS (Auditorium) - demolition of the existing band building and related sitework was substantially completed on October 7, 2019.

- Notice to Proceeds issued:
 - Site 80-H-SW-4 (Dr. Phillips area relief) – early site package NTP was issued on September 17, 2019.

- Anticipated future milestones for construction:
 - Pine Hills Transportation Compound – anticipate an overall projected substantial completion late October 2019.
 - Deerwood ES (Replacement) - existing building demo and related site amenities are anticipating substantial completion by late October 2019.
 - Site 113-H-W-4 (Horizon West/Village F area HS relief) – early site package NTP is scheduled for late October 2019.

For:

Close-out

- We now have (22) projects in close-out:
 - Timber Springs MS
 - OCPS Academic Center for Excellence (ACE)
 - Ventura ES
 - Audubon Park School*
 - Lake Como School*
 - Maxey ES*
 - Pine Hills ES*
 - Hidden Oaks ES*
 - Sally Ride ES*
 - Union Park ES*

- Frangus ES*
- Hungerford ES
- Dover Shores ES/Jackson MS Athletic areas and road re-alignment*
- Pershing School
- Castleview Elementary School
- Water Spring Elementary

With six (6) projects recently added:

- Horizon West Middle School
- Corner Lake MS
- Lake George ES
- Sunrise ES
- Lake Gem ES
- Colonial HS Auditorium

Note: It has been decided, a project’s CFIs should not be presented to the Board for approval, if a public safety radio frequency assessment has determined that additional measures are warranted.

*Indicates all close-out requirements are complete, other than the Radio Enhancement measures.

For:

Design

- We currently have (5) projects in the design phase:
 - Meadow Woods MS (Comprehensive Renovation)
 - Site 113-H-W-4 (Horizon West/Village F area HS relief)
 - Site 73-T-W-7 – Replacement campus for Orange Technical College – Westside Campus
 - Site 43-E-SE-2 (Lake Nona area ES relief)
 - Orange Technical College – Orlando Campus (Comprehensive Renovation)

Change Orders Report

Facilities & Construction Contracting
August 2019

There are no significant change orders or amendments to report for the month of August 2019.

Facilities & Construction Contracting

COVE Report for August 2019

CONTRACTS AMENDED							
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	AMENDMENT	APPROVAL REQUIRED	CPSC DATE
1	Bonneville ES	Additional services for redesign of construction documents for select renovation of expired building systems for capital renewal project. (Est. Constr. Cost \$500,000.00)	MLM-Martin Architects, Inc.	Amendment No. 01 to Work Authorization No. 1301057 for Architectural & Engineering Services RFQ No. 1301PS	\$16,977	Sr. Facilities Executive Director	8/22/19
2	Boone HS	Reconciliation of DCD 01(\$16,704.62) for parking lot expansion and rehabilitation impacted for prototype auditorium and gymnasium, on-site replacement school project.	Schenkel & Shultz, Inc.	Amendment No. 01 to Agreement No. 17RU14SCON001SCHENKEL for Architectural & Engineering Services RFQ No. 17RU14	\$16,705	Sr. Construction Director	8/29/19
3	Edgewater HS*	Additional surveying to map the path of (2) new water services and a new sanitary sewer tie-in for the greenhouse, district capital project.	Southeastern Surveying & Mapping Corporation	Amendment No. 01 to Work Authorization No. 1523068 for Surveying Services RFQ No. 1523PS	\$4,666	Sr. Facilities Manager, District Wide/Portable Operations	8/22/19
4	Jones HS*	Additional design services to include site observations to complete closeout phase as directed by Owner for athletic complex improvements district capital project.	Borrelli + Partners, Inc.	Amendment No. 04 to Agreement No. 1423SCONBORRELLI for Architectural & Engineering Services RFQ No. 1423PS	\$49,676	John T. Morris, Chief Facilities Officer	8/8/19
5	Lakeville ES*	Additional services for existing parent pick-up/drop-off operations assessment to provide several remedial solution options, life safety project.	CPH, Inc.	Amendment No. 01 to Work Authorization No. 1515173 for Civil Engineering Services RFQ No. 1515PS	\$19,934	Sr. Facilities Director, Maintenance	8/15/19

Facilities & Construction Contracting

COVE Report for August 2019

CONTRACTS AMENDED							
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	AMENDMENT	APPROVAL REQUIRED	CPSC DATE
6	Orlando Gifted Academy *	Additional on-site air monitoring inside and outside work area during abatement process for life safety project.	GLE Associates, Inc.	Amendment No. 01 to Work Authorization No. 1717060 for Environmental Consulting Services RFQ No. 1717PS	\$1,525	Sr. Manager, Maintenance	8/15/19
7	Pershing School 208- K8-SE-3	Design services for code compliant implementation of radio enhancement distributed antenna system for new school replacement project. (Est. Constr. Cost \$560,000.00)	Zyscovich, Inc.	Design Change Directive No. 02 to Agreement No. 16RU26SCONZYSCOVICH for Architectural & Engineering Services RFQ No. 16RU26	\$30,000	Sr. Facilities Executive Director	8/29/19

* Not Funded by Sales Tax or Capital Renewal

Facilities & Construction Contracting

COVE Report for August 2019

CHANGE ORDERS APPROVED								
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	DOC #	C.O. AMOUNT	APPROVAL REQUIRED	CPSC DATE
1	Castleview ES 25-E-SW-4*	Reconciliation of CCD 1 (\$33,169.25) for cost associated with the main access road utility cable relocation for prototype new school relief project.	Charles Perry Construction, Inc.	Agreement No. 17CM07SCONCHARLES for Construction Management Services RFQ No. 17CM07	Change Order No. 03 to GMP AM 01	\$33,169	Sr. Facilities Executive Director	8/1/19
2	Corner Lake MS	Replacement of power poles and data to support a new classroom layout with new modular furniture for comprehensive project.	Wharton-Smith, Inc.	Agreement No. 16CM14SCONWHARTON for Construction Management Services RFQ No. 16CM14	Change Order No. 03 to GMP AM 01	\$25,863	Sr. Facilities Executive Director	8/8/19
3	Dover Shores ES	Four (4) days time extension to Phase 1 - construction of parking lots, 17 days to Phase 2 - road realignment on Stonewall Jackson Road and 21 days to Phase 3 - demolition of existing Engelwood ES due to City of Orlando approval delays, direct conflict of Orlando Utilities Commission poles power/line removal, and above average rainfall with project time extension of 21 days for comprehensive project.	Charles Perry Construction, Inc.	Agreement No. 15CM19SCON001CHARLES for Construction Management Services RFQ No. 15CM19	Change Order No. 03 to GMP AM 02	\$0	Sr. Construction Director	8/29/19
4	Dover Shores ES	Final GMP reconciliation for comprehensive project.	Charles Perry Construction, Inc.	Agreement No. 15CM19SCON001CHARLES for Construction Management Services RFQ No. 15CM19	Change Order No. 06 to GMP AM 01	(\$210,250)	John T. Morris, Chief Facilities Officer	8/1/19
5	Facilities Building 100A*	Thirty-nine (39) days time extension due to window head attachment for requirements and additional mold remediation work for HVAC system replacement/upgrade for life safety project.	Clancy & Theys Construction Co.	Work Authorization No. 12CM14068C for Construction Management Services RFQ No. 12CM14	Change Order No. 03	\$0	Sr. Facilities Director, Maintenance	8/8/19
6	Hidden Oaks ES Replacement	Final GMP reconciliation for new school replacement project.	CORE Construction Services of Florida, LLC	Agreement No. 16CM24SCONCORE for Construction Management Services RFQ No. 16CM24	Change Order No. 06 to GMP AM 01	(\$119,107)	John T. Morris, Chief Facilities Officer	8/22/19

Facilities & Construction Contracting

COVE Report for August 2019

CHANGE ORDERS APPROVED								
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	DOC #	C.O. AMOUNT	APPROVAL REQUIRED	CPSC DATE
7	Oakshire ES & Pinewood ES	Cost associated with increasing equipment size and extended warranties for HVAC long lead purchases early package, existing central energy plant and components replacement for capital renewal project.	Johnson-Laux Construction, LLC	Agreement No. 17CM03SCONJOHNSON for Construction Management Services RFQ No. 17CM03	Change Order No. 02 to GMP AM 02	\$75,853	Superintendent / John T. Morris, Chief Facilities Officer	8/8/19
8	Oakshire ES & Pinewood ES	Credit for cost of extended warranties for GMP AM 02 incorrectly included in GMP AM 03 for existing central energy plant and HVAC components replacement for capital renewal project.	Johnson-Laux Construction, LLC	Agreement No. 17CM03SCONJOHNSON for Construction Management Services RFQ No. 17CM03	Change Order No. 02 to GMP AM 03	(\$52,242)	Superintendent / John T. Morris, Chief Facilities Officer	8/8/19
9	Pershing School 208-K8-SE-3	Fourteen (14) days time extension due to delays associated with the coordination water connection due to the finalization of development agreement between OCPS and Orlando Utilities Commission for prototype new school replacement project.	Williams Company Building Division, Inc.	Agreement No. 16CM27SCONWILLIAMS for Construction Management Services RFQ # 16CM27	CCD No. 03 to GMP AM 02	\$12,329.00	Craig A. Jackson, Sr. Construction Director	08/29/19
10	Sally Ride ES	Forty-seven (47) days time extension to Phase 1 (main building package) due to power delays, right of way permitting and twenty (20) days time extension to Phase 3 (existing building demolition) to move out of existing buildings/portables for comprehensive project.	Charles Perry Construction, Inc.	Agreement No. 16CM07SCONCHARLES for Construction Management Services RFQ No. 16CM07	Change Order No. 05 to GMP AM 03	\$0	Behalf of John T. Morris, Chief Facilities Officer	8/8/19
11	Sunrise ES	Installation of shade structure, fans, and electric water coolers per updated design guidelines for comprehensive needs project.	CORE Construction Services of Florida, LLC	Agreement No. 17CM05SCON002CORE for Construction Management Services RFQ No. 17CM05	Change Order No. 03 to GMP AM 01	\$49,964	Behalf of John T. Morris, Chief Facilities Officer	8/1/19

Facilities & Construction Contracting

COVE Report for August 2019

CHANGE ORDERS APPROVED								
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	DOC #	C.O. AMOUNT	APPROVAL REQUIRED	CPSC DATE
12	Sunrise ES	Installation of fiber throughout six (6) buildings to ensure proper networking backbone for comprehensive project.	CORE Construction Services of Florida, LLC	Agreement No. 17CM05SCON002CORE for Construction Management Services RFQ No. 17CM05	Change Order No. 02 to GMP AM 01	\$27,121	Sr. Facilities Executive Director	8/1/19
13	Various Schools Rubberized Track Program*	Time extension of (19) nineteen days due to channel drain, submittal design review services for certified rubberized track surfaces, capital project.	Wharton-Smith, Inc.	Agreement No. 18CM20SCONWHARTON for Construction Management Services RFQ No. 18CM20	Change Order No. 02 to GMP AM 01	\$0	Sr. Facilities Manager, District Wide/Portable Operations	8/29/19
TRANSACTIONAL CHANGE ORDERS								
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	DOC #	C.O. AMOUNT	APPROVAL REQUIRED	CPSC DATE
14	Boone HS	Estimated ODP for gymnasium for onsite replacement project.	Williams Company Building Division, Inc.	Agreement No. 17CM11SCON003WILLIAMS for Construction Management Services RFQ No. 17CM11	Change Order No. 01 to GMP AM 01	(\$2,844,423)	John T. Morris, Chief Facilities Officer	8/8/19
15	Colonial HS	Final ODP reconciliation for athletic track, capital renewal project.	Gilbane Building Company	Agreement No. 14CM17SCON001GILBANE for Construction Management Services RFQ No. 14CM17	Change Order No. 03 to GMP AM 01	\$24,347	John T. Morris, Chief Facilities Officer	8/1/19
16	Elementary School Site 85-E-W-4*	Estimated ODP for prototype new school relief project.	OHL-Arellano Construction Company	Agreement No. 18CM17SCONOHL for Construction Management Services RFQ No. 18CM17	Change Order No. 01 to GMP AM 01	(\$4,475,040)	John T. Morris, Chief Facilities Officer	8/22/19
17	Elementary School Site 83-E-SE-3*	Estimated ODP for main package, prototype new school relief project.	Charles Perry Construction, Inc.	Agreement No. 18CM18SCONCHARLES for Construction Management Services RFQ No. 18CM18	Change Order No. 01 to GMP AM 03	(\$4,918,466)	Behalf of John T. Morris, Chief Facilities Officer	8/22/19
18	Exceptional Student Education Campus Consolidation Site 300-SS-NW-5	Estimated ODP for existing Magnolia School replacement and new behavior center facility, new school replacement project.	Charles Perry Construction, Inc.	Agreement No. 18CM03SCONCHARLES for Construction Management Services RFQ No. 18CM03	Change Order No. 01 to GMP AM 01	(\$9,657,708)	John T. Morris, Chief Facilities Officer	8/22/19
19	Lawton Chiles ES	Additional estimated ODP for existing building systems renovation, capital renewal project	Wharton-Smith, Inc.	Work Authorization No. 12CM14072B for Construction Management Services RFQ No. 12CM14	Change Order No. 02	(\$43,366)	Behalf of John T. Morris, Chief Facilities Officer	8/1/19

Facilities & Construction Contracting

COVE Report for August 2019

TRANSACTIONAL CHANGE ORDERS								
ITEM NO	SCHOOL	REASON FOR CHANGE	NAME OF FIRM	DESCRIPTION OF SERVICES	DOC #	C.O. AMOUNT	APPROVAL REQUIRED	CPSC DATE
20	Oakshire ES & Pinewood ES	Estimated ODP for existing central energy plant and HVAC components replacement for capital renewal project.	Johnson-Laux Construction, LLC	Agreement No. 17CM03SCONJOHNSON for Construction Management Services RFQ No. 17CM03	Change Order No. 03 to GMP AM 02	(\$75,853)	John T. Morris, Chief Facilities Officer	8/29/19
21	Timber Creek HS	Additional estimated ODP for select renovation of existing building system for capital renewal project.	Gilbane Building Company	Agreement No. 14CM17SCON003GILBANE for Construction Management Services RFQ No. 14CM17	Change Order No. 02 to GMP AM 01	(\$109,897)	Behalf of John T. Morris, Chief Facilities Officer	8/1/19
22	Winegard ES Replacement	Estimated ODP for new school replacement project.	Williams Company Building Division, Inc.	Agreement No. 18CM09SCONWILLIAMS for Construction Management Services RFQ No. 18CM09	Change Order No. 01 to GMP AM 01	(\$4,683,784)	John T. Morris, Chief Facilities Officer	8/8/19

*** Not Funded by Sales Tax or Capital Renewal**

OCPS FACILITIES & CONSTRUCTION CONTRACTING
RFQs in Progress: AUGUST 2019

No.	Contract Description	Pre Submittal Meeting	Open Date	Shortlist Meeting	Interview Meeting	Board / CFO Date	Construction Cost	Status
RFQ 19CM08	CM Services for Ronald Blocker ELC HVAC System Renovation Project	6/11/2019	6/20/2019	7/9/2019	7/23/2019	8/20/2019	\$2,215,000.00	On-Going



Project Status Summary Report

Capital Renewal Projects (Note 1)

October 23, 2019

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

Project Elements

Table with columns: Location, Project Number, Size, Site, Roofing, Structural, Exterior, Interior, Mechanical, Electrical, Plumbing, Life Safety, Technology, Conveyance, Specialties, Original Project Budget, Project Budget Changes, Current Project Budget, Current Estimated Cost At Completion, Variance from Current Project Budget, GMP Amount, Construction Change Orders, ODP Change Orders, Approved Construction, Number of Days Past Subst. Compl., Contract Type, CM / GC Firm, AE Firm. Includes subtotals for Planning, Design/Pre-Con, and Construction phases.



Project Status Summary Report

Capital Renewal Projects (Note 1)

October 23, 2019

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

Project Elements

Location	Project Number	Size	Site	Roofing	Structural	Exterior	Interior	Mechanical	Electrical	Plumbing	Life Safety	Technology	Conveyance	Specialties	Original Project Budget (Note 2)	Project Budget Changes	Current Project Budget	Current Estimated Cost At Completion	Variance from Current Project Budget	GMP Amount	Construction Change Orders		ODP Change Orders		Approved Construction		Number of Days Past Subst. Compl. (close-out)	Contract Type	CM / GC Firm	AE Firm								
																					Amount	#	Deducts	#	NTP Construct	Contract Subst. Com												
CLOSE-OUT															Budget										Schedule				Contracting									
Blankner K8	N0023.0	Lg		✓		✓		✓	✓		✓			✓	6,250,000	-	6,250,000	6,250,000	-	5,449,595	(552,209)	2	(1,207,951)	2	03/28/18	08/02/19	82	GMP	Williams	BRPH								
Boone HS	N0031.0	Lg		✓			✓	✓	✓	✓	✓			25,001,000	-	25,001,000	25,001,000	-	17,189,003	220,065	2	(1,979,776)	3	02/12/18	08/02/19	82	GMP	Williams	BRPH									
Bridgewater MS	N0143.17	Int						✓	✓					421,000	-	421,000	421,000	-	333,075	-	-	-	-	04/18/19	08/09/19	75	TERM SERV	Daikin	TERM SERV									
Chain of Lakes MS	N0076.0	Int					✓	✓	✓					1,761,000	-	1,761,000	1,761,000	-	1,501,038	12,335	1	(163,083)	1	03/07/18	12/12/18	315	GMP	ACY	SGM									
Citrus ES	N0057.0	Int		✓			✓	✓						1,715,000	-	1,715,000	1,715,000	-	1,104,954	-	-	(119,066)	2	04/19/18	08/13/18	436	GMP	Wharton Smith	KBJ									
Citrus ES	N0057.2	Int												496,000	-	496,000	496,000	-	-	-	-	-	-	01/10/19	01/25/19	271	--- DC ---	Whitlock	--- DC ---									
College Park MS	N0075.0	Int	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		1,654,000	-	1,654,000	1,654,000	-	1,516,475	(85,701)	1	(322,800)	1	01/18/18	08/07/18	442	GMP	Clancy & Theys	MLM-Martin									
Colonial HS	N0035.1	Int	✓											1,998,000	-	1,998,000	1,998,000	-	1,568,497	222,594	2	(234,253)	2	03/20/18	02/08/19	257	GMP	Gilbane	Rhodes Brito									
Jackson MS	N0077.0	Int	✓			✓	✓	✓	✓	✓				1,476,000	-	1,476,000	1,476,000	-	1,087,070	-	-	(34,336)	2	10/03/17	01/29/18	632	GMP	Wharton Smith	OCI									
Jones HS	D0103.1	Lg	✓											3,114,000	-	3,114,000	3,114,000	-	2,532,775	244,901	3	-	-	05/24/16	08/14/17	800	GMP	ACY	Borrelli									
Lakeview MS	N0041.2	Int	✓				✓	✓	✓					963,000	-	963,000	963,000	-	718,185	-	-	(37,770)	1	05/19/17	10/11/17	742	GMP	Wharton Smith	SGM									
Liberty MS	N0022.0	Lg	✓	✓	✓	✓	✓	✓	✓	✓	✓			9,055,000	-	9,055,000	9,055,000	-	7,401,231	172,749	8	(1,263,495)	2	02/09/16	02/19/18	611	GMP	Welbro	KBJ									
Odyssey MS	N0067.1	Int	✓	✓		✓	✓	✓	✓					2,181,000	-	2,181,000	2,181,000	-	1,965,969	-	-	(703,648)	1	06/06/17	11/30/17	692	GMP	ACY-Albu	KBJ									
Pinewood ES	N0095.1	Int										✓		416,000	-	416,000	416,000	-	-	-	-	-	-	09/09/19	10/07/19	16	--- DC ---	CCS	--- DC ---									
Timber Creek HS	N0143.15	Sm						✓						208,000	-	208,000	208,000	-	163,611	-	-	-	-	04/26/19	09/22/19	31	TERM SERV	Air Mechanical	TERM SERV									
West Oaks ES	N0143.7	Sm						✓						275,000	-	275,000	275,000	-	260,399	-	-	-	-	03/20/19	08/09/19	75	TERM SERV	Trane	TERM SERV									
Windermere ES	N0143.8	Sm						✓						281,000	-	281,000	281,000	-	261,998	-	-	-	-	04/16/19	07/31/19	84	TERM SERV	Trane	TERM SERV									
Winter Park HS	N0066.2	Int	✓											1,628,000	-	1,628,000	1,628,000	-	1,220,671	-	-	-	-	06/30/17	08/11/17	803	GMP	RL Burns	Avcon									
Wolf Lake ES	N0085.0	Int						✓						1,104,000	-	1,104,000	1,104,000	-	881,746	-	-	(203,095)	2	12/06/17	05/02/18	539	GMP	Wharton Smith	SGM									
SUBTOTAL (Close-Out)															19 Projects	18 Sites	\$ 59,997,000	-	\$ 59,997,000	\$ 59,997,000	-	\$ 45,156,291	\$ 234,735	19	\$ (6,269,273)	19												
COMPLETED															149 Projects	80 Sites																						
GRAND TOTAL															210 Projects	129 Sites																						

Close Out Delays

- Chain of Lakes MS – CFI delayed due to open closeout deliverables and reconciliation of final project costs.
- Citrus ES – CFI delayed due to open/incomplete closeout deliverables and reconciliation of final project costs.
- Citrus ES (Digital Curriculum) – Equipment that was previously delayed has now been installed and all systems are fully operational. Only remaining step is closeout documentation being processed by Digital Curriculum Team.
- College Park MS – CFI delayed due to open/incomplete closeout deliverables and reconciliation of final project costs/time.
- Colonial HS (Track) – CFI delayed due to finalization of the GMP Reconciliation Change Order based on the recently submitted final pay application.
- Jackson MS – CFI delayed due to finalization of the GMP Reconciliation Change Order based on the final pay application.
- Jones HS – CFI delayed due to open/incomplete closeout deliverables and reconciliation of final project costs.
- Lakeview MS – CFI delayed due to open/incomplete closeout deliverables and reconciliation of final project costs/time.
- Liberty MS - CFI delayed due to processing of the Bill of Sale and reconciliation of project Errors and Omissions. Once resolved the GMP Reconciliation Change Order based on the recently submitted final pay application will be processed.
- Odyssey MS – CFI delayed due to open/incomplete closeout deliverables and reconciliation of final project costs/time.
- Winter Park HS – CFI delayed due to issues with non-compliant work in place, open closeout deliverables and reconciliation of final project costs.
- Wolf Lake ES – CFI delayed due to open closeout deliverables and reconciliation of final project costs.

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).
- The Original Project Budget is based on the Estimated Total Cost presented to COVE on 10/18/19 or the first time presented to COVE thereafter.

Capital Renewal Update – October 23, 2019

There are 42 active projects (20 large, 17 intermediate, 5 small) currently in progress for improvements at 40 sites, with an estimated total cost of \$180.5M. This is a reduction of two projects since the last report. The total cost of active projects has increased by approximately \$9M, primarily due to increased estimated costs for several projects as described below. (These budget adjustments are not identified on the detailed report, as this is the first report in this format and this report is being used to establish the baseline budgets. Future detailed reports will identify budget adjustments from this baseline.)

9 projects are currently being planned, which is a decrease of two since the last report. Design commenced on an intermediate project addressing heating, ventilating and air conditioning (HVAC) improvements project at Wolf Lake Middle School, and digital curriculum requirements at Pinewood Elementary School were completed since the last report. The budget for the multi-site intermediate project combining roof replacement requirements at Windy Ridge K8 and Lakeview and College Park Middle Schools was increased to more accurately forecast the total requirement for the three sites. After adjustments, the estimated total cost of projects being planned is \$38.7M, which is a decrease of \$1.2M since the last report.

12 projects are currently in the design phase, which is an increase of one since the last report due to commencement of the design for the Wolf Lake Middle School project. Several projects in design are nearing construction commencement. We have finalized negotiations on Guaranteed Maximum Price (GMP) agreements on a roof and rooftop HVAC equipment replacement project at Acceleration East and a campus-wide project at Jones High School and anticipate construction commencement in October or early November. We are also negotiating a GMP proposal for softball field drainage renovations at Boone High School, and bids have been received for HVAC improvements at Freedom High School and a campus-wide project at Discovery Middle School. Construction on all of these projects will commence prior to the end of the year.

Design work continues on campus-wide requirements at Colonial 9th Grade Center, Ridgewood Park Elementary School paving requirements, HVAC and building envelope requirements at Bonneville and Riverdale Elementary Schools, and HVAC requirements at Lakeville Elementary School. Construction commencement for these projects and the previously mentioned Wolf Lake Middle School project is scheduled for 2020.

The total budget for projects in design is \$55.2M, which is an increase of \$8.5M due to the increase for the Jones High School project and the added project in the design phase. The budget for the Jones High School project was increased to reflect the final negotiated GMP, which was significantly higher than budgeted. The previous budget for the project was not revised to reflect the significant scope revisions that have occurred since the project was initiated in 2015. As this project now exceeds \$10M in construction costs, a detailed scope description is included with this report.

21 projects are currently under construction, which is a decrease of one since the last report. A small cooling tower refurbishment at Timber Creek High School was completed since the last report. No new projects commenced construction.

The 21 projects under construction include 8 large, 10 intermediate and 3 small projects, with an estimated total cost of \$86.6M and construction cost of \$65.5M. Estimated costs increased \$1.8M since the last report, with the majority of the increase resulting from the addition of radio communication improvements to the project scopes at Olympia and Timber Creek High Schools. Both of these campus-wide high school projects exceed \$10M in construction costs; a detailed scope description is included with the report.

Completion of the radio communication enhancements at Timber Creek High School will extend completion of the work at Timber Creek into early 2020. Projects at Olympia High School, Gotha Middle School, and Oakshire and Pinewood Elementary Schools are also scheduled for completion early in 2020; remaining projects currently under construction will be completed later in 2019.

The report forecasts a balance of unused capital renewal funds through the end of FY 2020 of approximately \$60M. This is a decrease of approximately \$3.5M since the last report, primarily due to the impact of the budget adjustments described herein.

Capital Renewal Update as of October 23, 2019

Changes since 9/19/19

Planning

- Moved to Design
 - o Wolf Lake MS – N0086.0 CEP Modifications
- Moved to Close-out
 - o Pinewood ES – N0095.1 Digital Curriculum (Cohort 7)

Design

- Moved from Planning
 - o Wolf Lake MS – N0086.0 CEP Modifications

Construction

- Moved to Close-out
 - o Timber Creek HS – N0143.15 Cooling Tower

Close-out

- Moved from Planning
 - o Pinewood ES – N0095.1 Digital Curriculum (Cohort 7)
- Moved from Construction
 - o Timber Creek HS – N0143.15 Cooling Tower
- Moved to Complete
 - o Columbia ES – N0143.11 Chiller Replacement
 - o OTC Avalon Campus – N0143.1 Chiller Replacement
 - o Stone Lake ES – N0143.6 Chiller Replacement

Complete

- Moved from Close-out
 - o Columbia ES – N0143.11 Chiller Replacement
 - o OTC Avalon Campus – N0143.1 Chiller Replacement
 - o Stone Lake ES – N0143.6 Chiller Replacement

Capital Renewal Update as of October 23, 2019

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

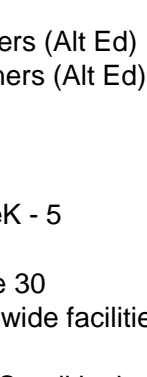
- NE - Northeast Maintenance Area
- NW - Northwest Maintenance Area
- SS - Super South Maintenance Area

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

Eligible for CR funding



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

Capital Renewal Update as of October 23, 2019
Active Projects With Construction Cost Exceeding \$10M

Timber Creek High School Campus-wide Capital Renewal Project

Guaranteed Maximum Price: \$13,982,080 (not including radio communications)

Building Envelope Renovations

- Complete roof replacement, all buildings
- Roof drain replacement in conjunction with roof replacement
- New lightning protection system
- Wall crack repairs at the Central Energy Plant (CEP)

Heating, Ventilating and Air Conditioning (HVAC) Renovations

- Replacement of all air-handling units (AHUs), campus-wide (47 AHUs)
- Addition of bi-polar ionization to select AHUs in conjunction with AHU replacement
- Replacement of HVAC duct work within mechanical rooms
- Replacement of all rooftop mechanical equipment (exhaust fans, air intakes)
- Variable frequency drive (VFD) replacements for AHUs and pumps
- Replacement of heating hot water piping and valves, campus-wide
- Replacement of condenser and chilled water pumps, boilers, condenser water piping and condenser water treatment at the Central Energy Plant (CEP)
- Replacement of the existing building automation system (BAS), campus-wide
- Rebalancing of all HVAC systems

Low-voltage System Improvements

- Replacement of the campus intercom system
- Replacement of the gymnasium sound system
- Replacement of the cafeteria sound reinforcement system

Safety and Security

- Fire alarm system replacement
- Intrusion detection system replacement
- Security camera system replacement
- Security camera system expansion (alternate funding)
- Radio communications enhancement

Capital Renewal Update as of October 23, 2019
Active Projects With Construction Cost Exceeding \$10M

Olympia High School Campus-wide Capital Renewal Project

Guaranteed Maximum Price: \$13,232,880 (not including radio communications)

Building Envelope Renovations

- Complete roof replacement (2 buildings) or new roof membrane (8 buildings), campus-wide
- Roof drain repair or replacement in conjunction with roof replacement
- New lightning protection system
- Sealant replacement at all sidewalk to wall transitions
- Sealant replacement at all tilt wall panel joints
- Wall crack and concrete spalling repairs at building 1100 and the cooling tower yard

Heating, Ventilating and Air Conditioning (HVAC) Renovations

- Replacement of all air-handling units (AHUs), campus-wide (49 AHUs)
- Addition of bi-polar ionization to select AHUs in conjunction with AHU replacement
- Replacement of HVAC duct work within mechanical rooms
- Variable frequency drive (VFD) replacements for AHUs and pumps
- Replacement of heating hot water piping and valves, campus-wide
- Replacement of cooling towers, condenser and chilled water pumps, boilers, condenser water piping and condenser water treatment at the Central Energy Plant (CEP)
- Replacement of the existing building automation system (BAS), campus-wide
- Rebalancing of all HVAC systems

Low-voltage System Improvements

- Replacement of the campus intercom system
- Replacement of the gymnasium sound system

Safety and Security

- Fire alarm system replacement
- Security camera system replacement
- Security camera system expansion (alternate funding)
- Radio communications enhancement

Capital Renewal Update as of October 23, 2019

Active Projects With Construction Cost Exceeding \$10M

Jones High School Campus-wide Capital Renewal Project

Guaranteed Maximum Price (proposed): \$13,307,953

Structural Repairs

- Exterior stair replacement at three locations

Building Envelope Renovations

- Sealant replacement at exterior openings
- Sealant replacement at all tilt wall panel joints
- Stucco and EIFS repairs at all buildings
- Exterior painting (alternate funding)
- Exterior walkway traffic coating
- Roof replacement at exterior stair towers

Heating, Ventilating and Air Conditioning (HVAC) Renovations

- Replacement or refurbishment of all air-handling units (AHUs), campus-wide
- Conversion of select building HVAC systems to ducted, variable air volume (VAV) systems
- Replacement of chilled water valves, exhaust fans and outside air dampers
- Replacement of the Central Energy Plant (CEP), including new air cooled chillers, chilled water pumps, piping, and electrical system
- Replacement of the existing building automation system (BAS), campus-wide
- Rebalancing of all HVAC systems

Low-voltage System Improvements

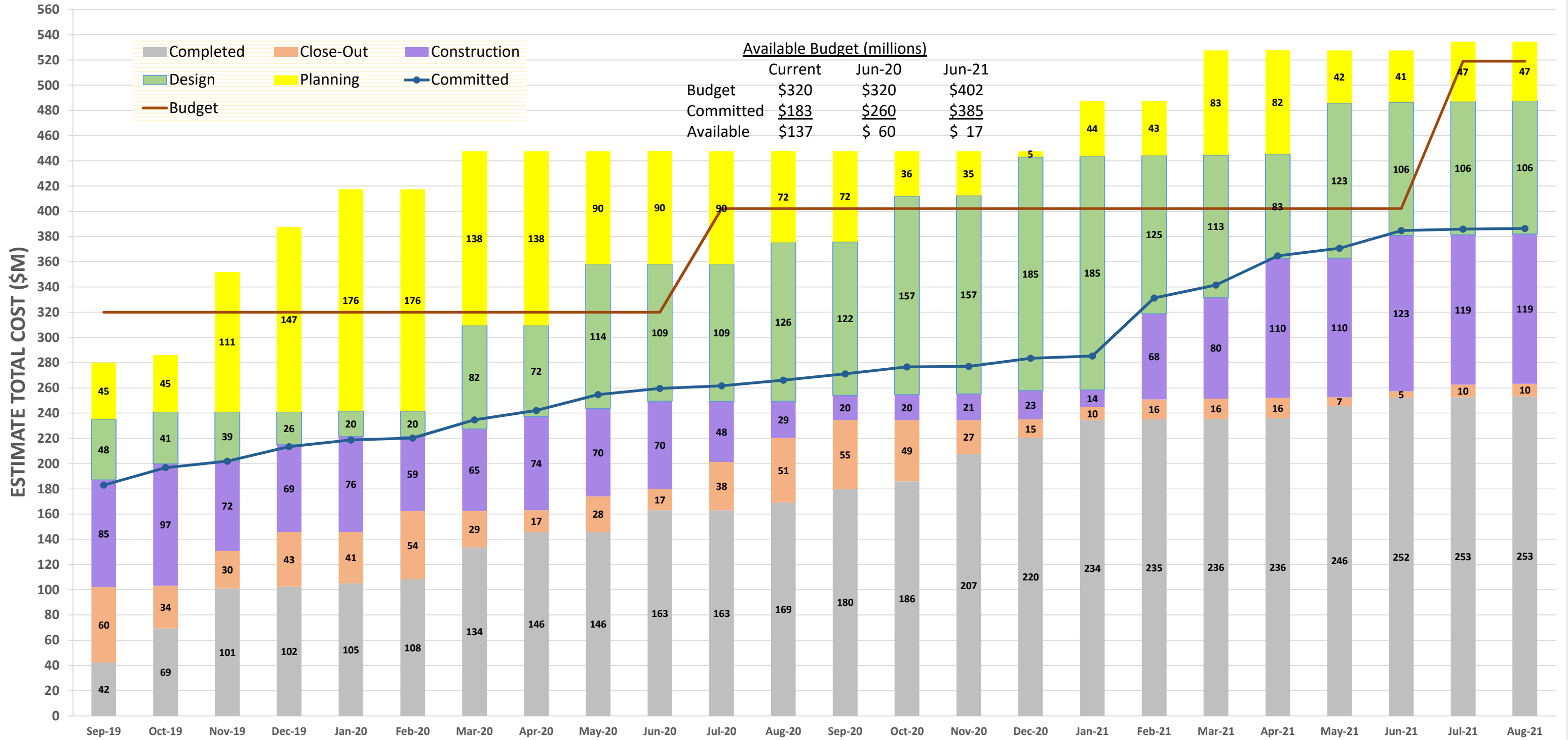
- Replacement of the campus intercom system
- Replacement of the gymnasium sound system
- Replacement of the cafeteria sound reinforcement system

Safety and Security

- Fire alarm system replacement
- Intrusion detection system replacement

Capital Renewal Forecast

Reporting Period: Sep 2019 - Aug 2021



Student Enrollment Update

Student Enrollment

10/23/19



**Orange County
Public Schools**



**Attendance Zone Progression:
Sunset Park Elementary 2007-2019**

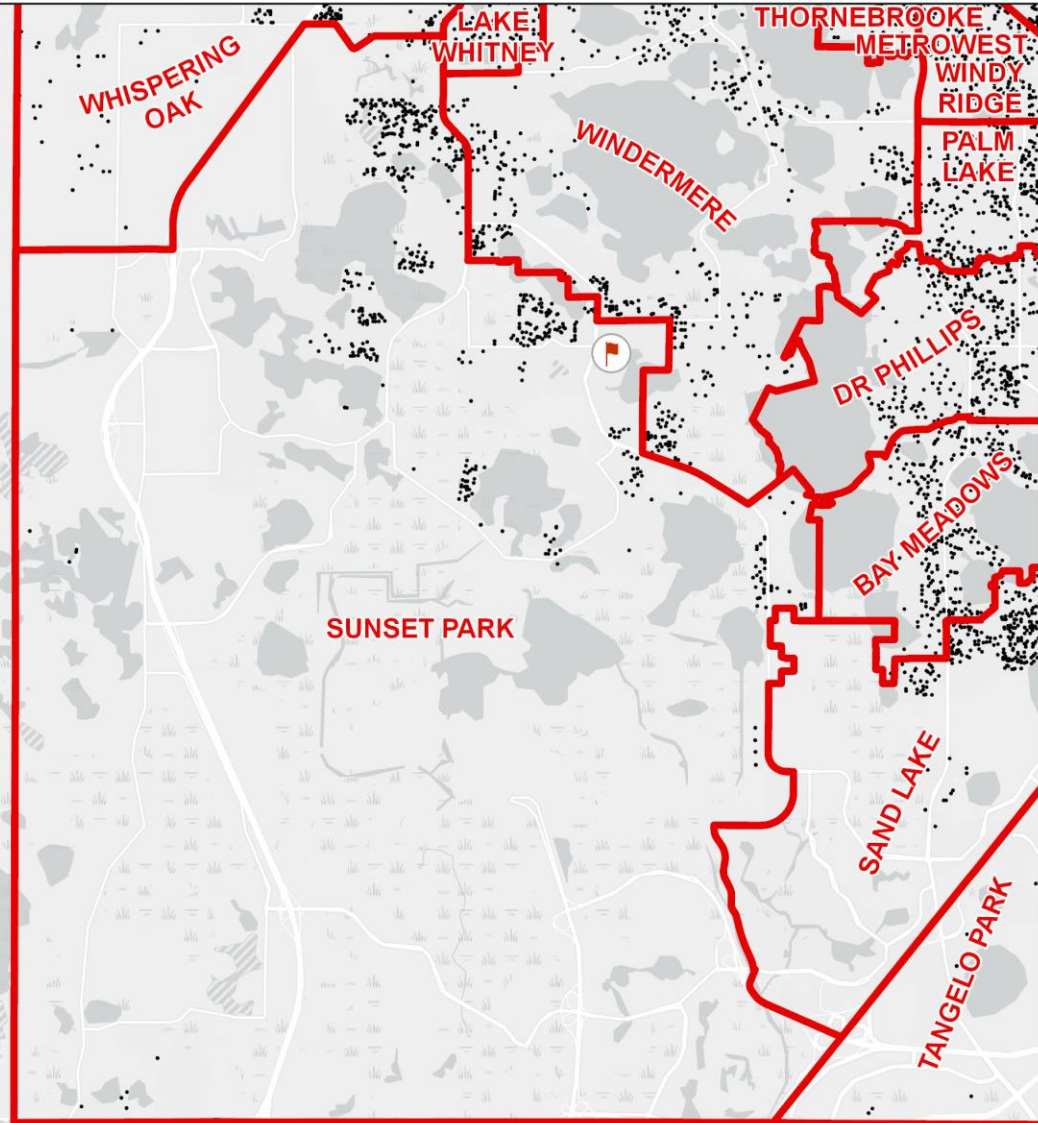


Attendance Zone Progression: Sunset Park Elementary

Sunset Park Elementary School: Historical Enrollment											
2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1,045	1,199	743	833	923	1,051	1,223	1,244	1,204	831	881	935

2007-08 (Opening Year)
Enrollment: 1,045
Portables: 10

2008-09
Enrollment: 1,199
Portables: 20



Attendance Zone Progression: Sunset Park Elementary

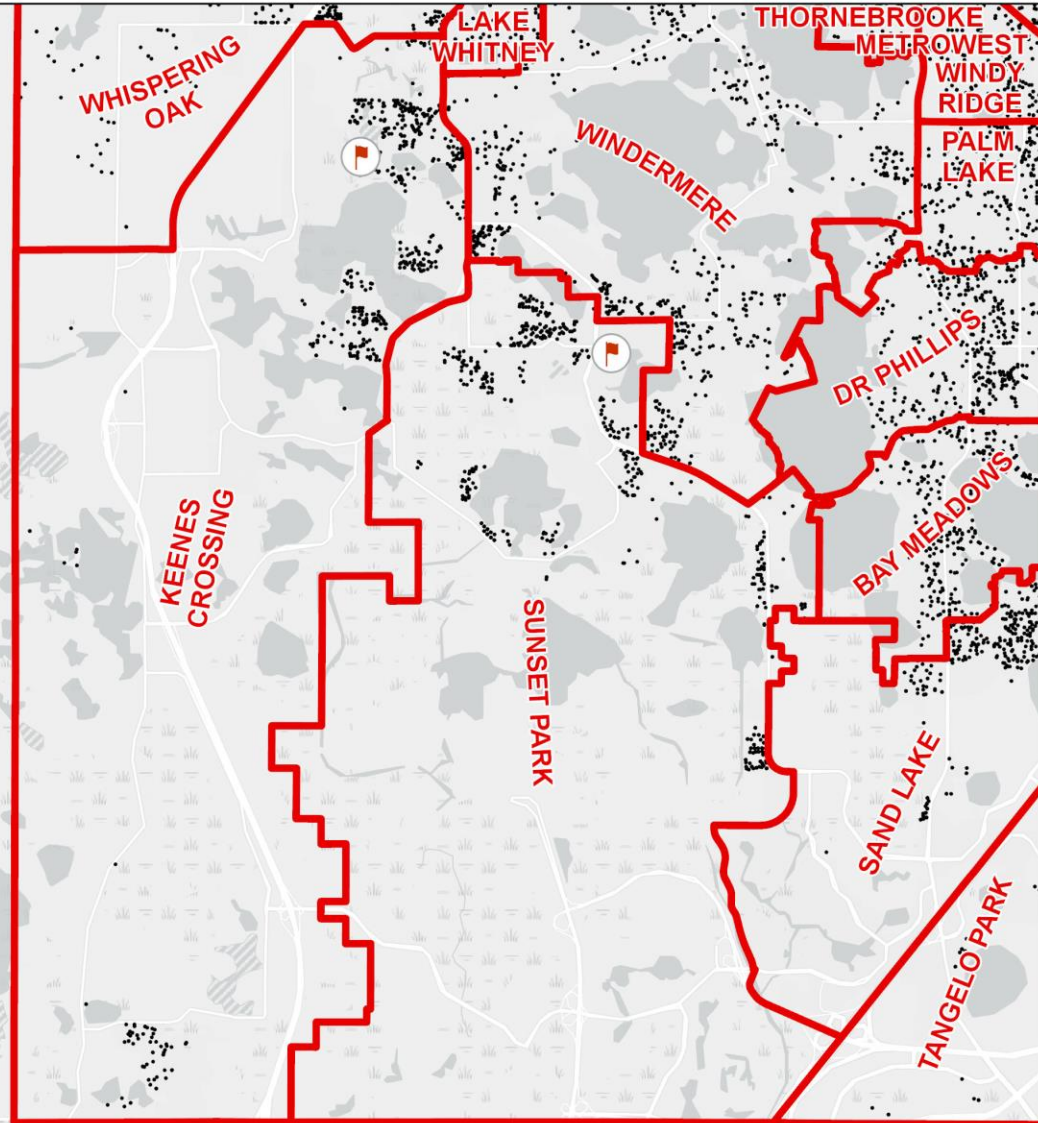
Sunset Park Elementary School: Historical Enrollment											
2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1,045	1,199	743	833	923	1,051	1,223	1,244	1,204	831	881	935

2009-10
 (following the opening of
 Keene's Crossing)

Enrollment: 743
 Portables: 20

2014-15

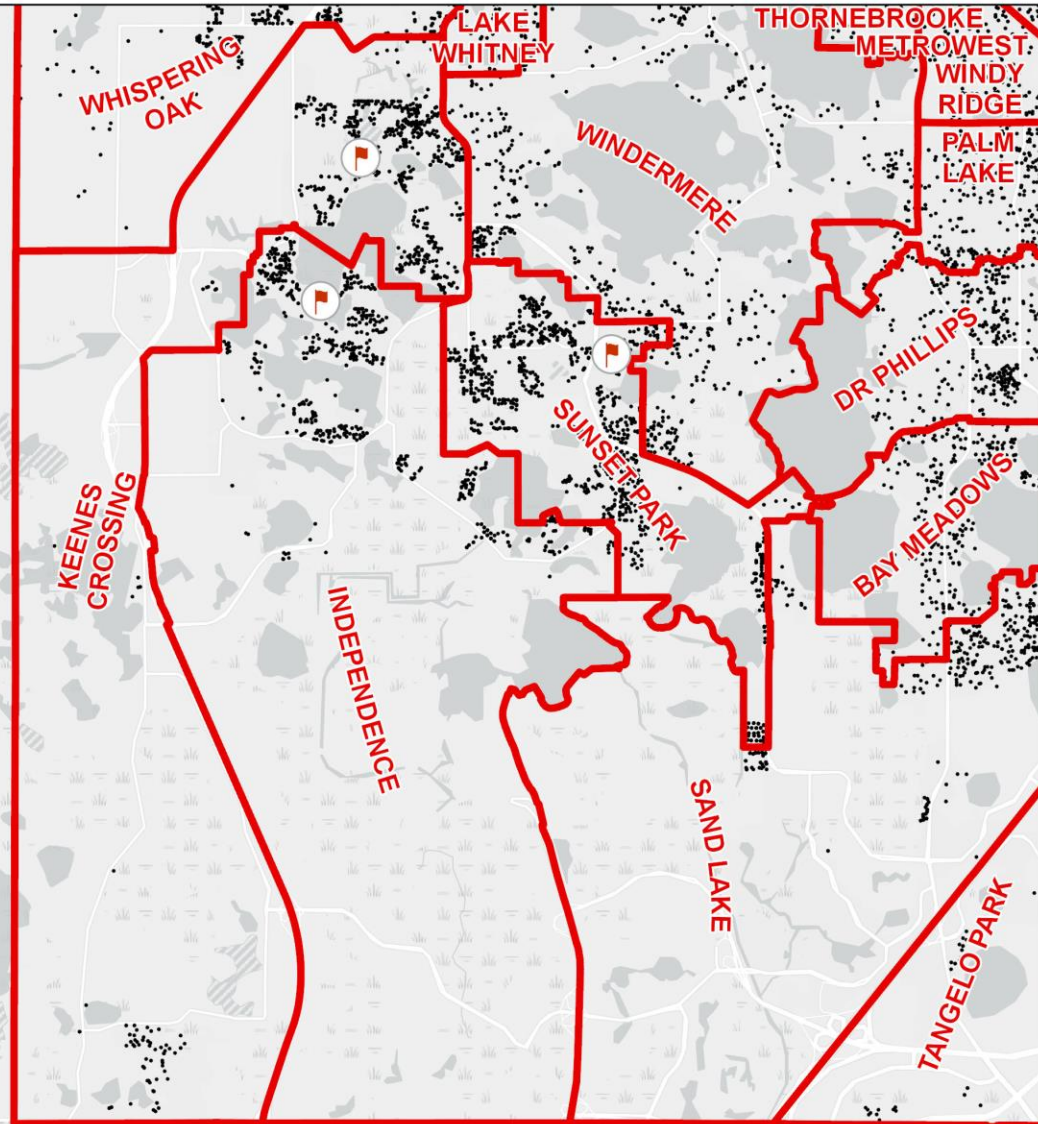
Enrollment: 1,244
 Portables: 27



Attendance Zone Progression: Sunset Park Elementary

Sunset Park Elementary School: Historical Enrollment											
2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1,045	1,199	743	833	923	1,051	1,223	1,244	1,204	831	881	935

2015-16
(following the opening of
Independence)
Enrollment: 1204
Portables: 27



Attendance Zone Progression: Sunset Park Elementary

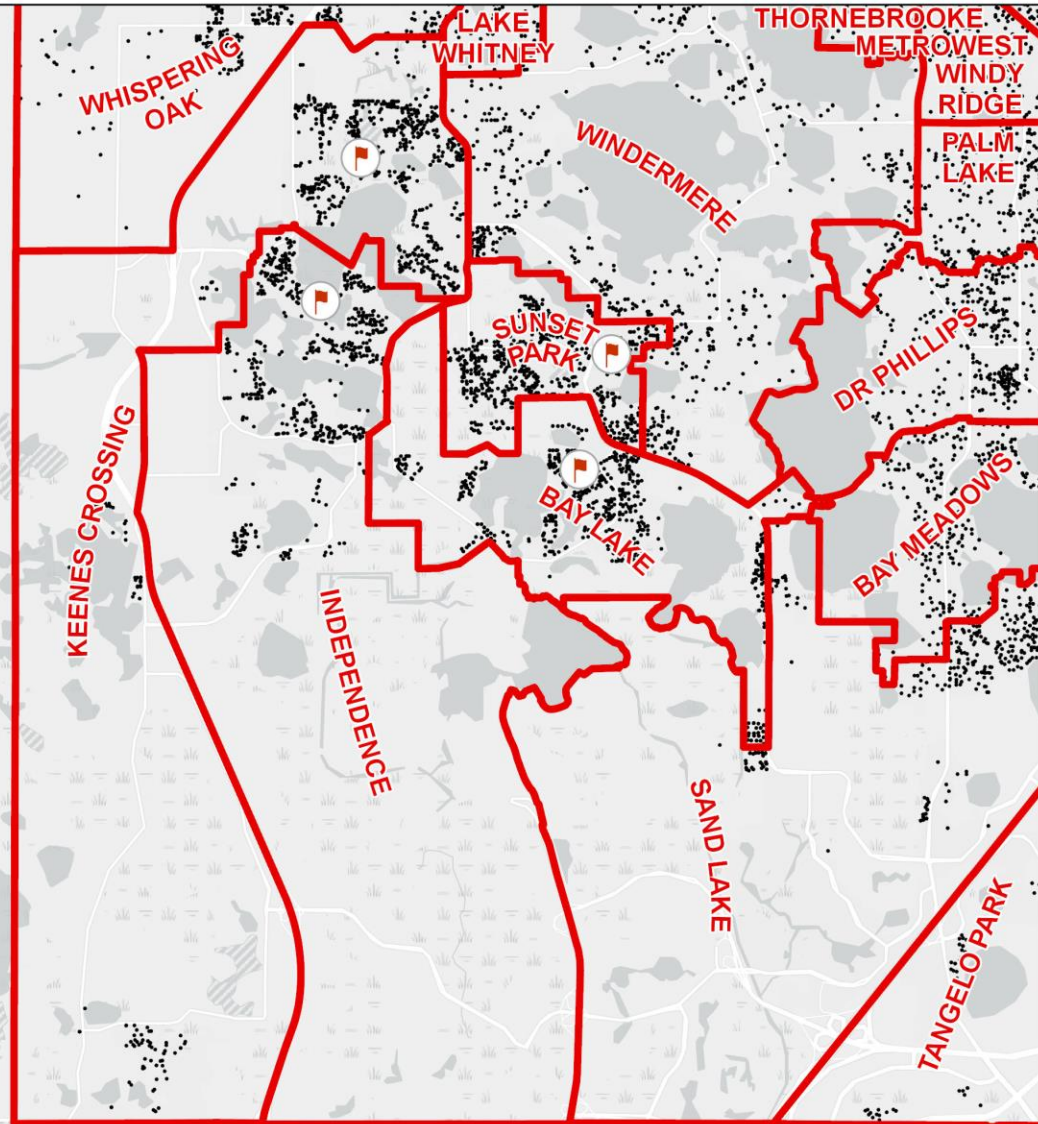
Sunset Park Elementary School: Historical Enrollment											
2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1,045	1,199	743	833	923	1,051	1,223	1,244	1,204	831	881	935

2016-17
(following the opening of
Bay Lake)

Enrollment: 831
 Portables: 13

2018-19

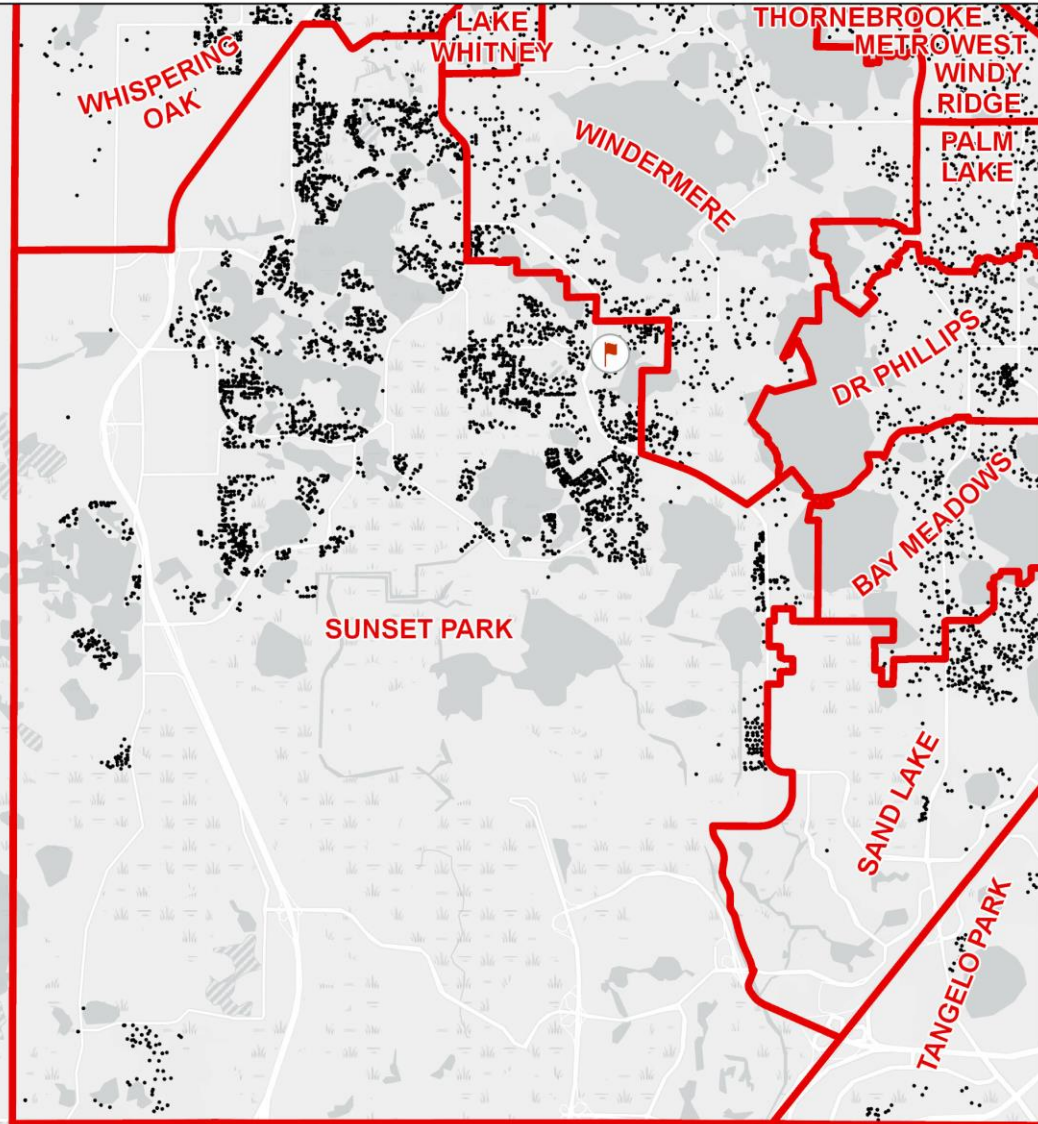
Enrollment: 935
 Portables: 13



Attendance Zone Progression: Sunset Park Elementary

“What if we constructed Sunset Park bigger back in 2007-08 to accommodate students 10-years in the future?”

2018-19 Residing Elementary Students within the 2007-08 Attendance Zone for Sunset Park Elementary: 5,600

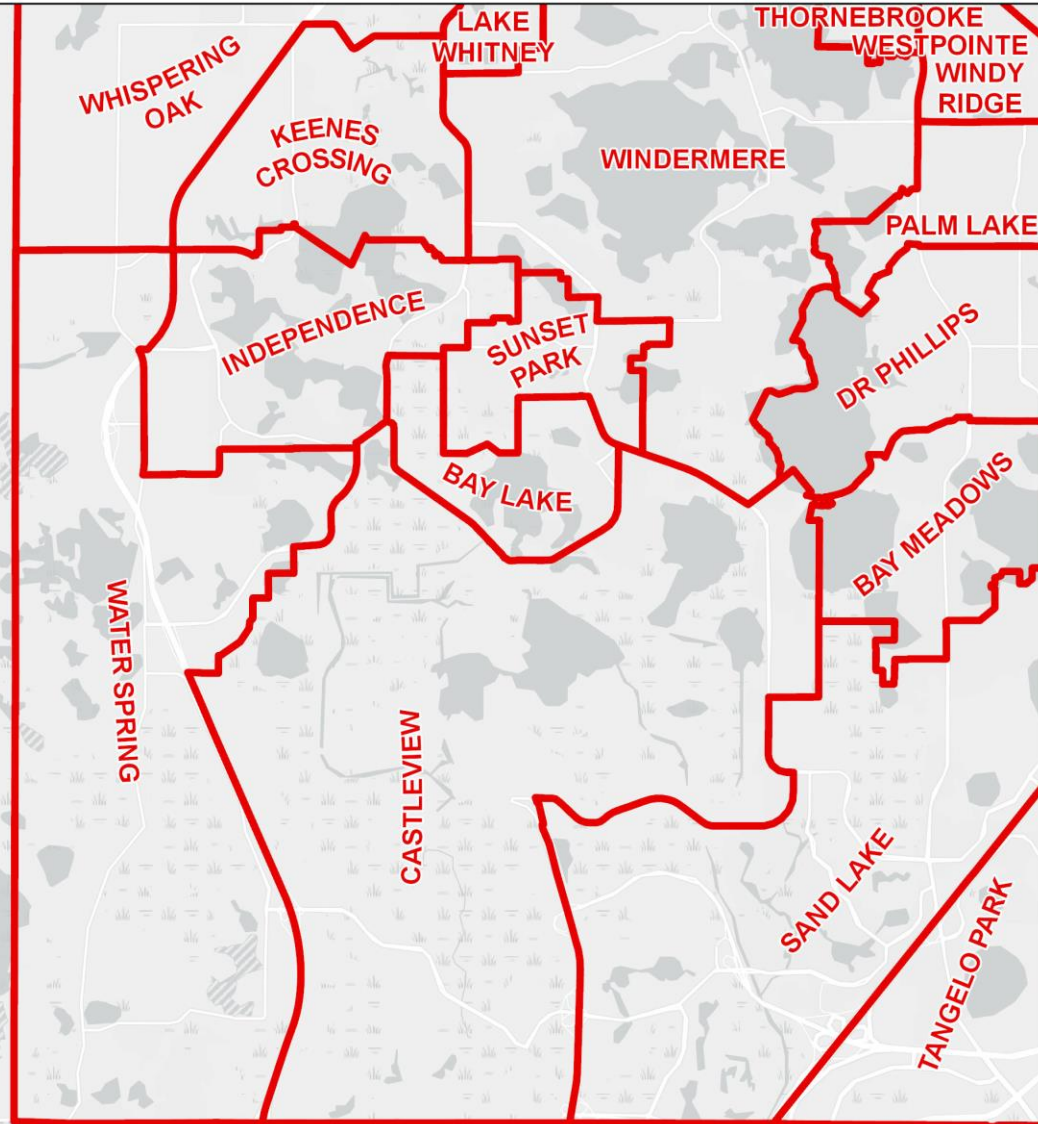


Attendance Zone Progression: Sunset Park Elementary

“What if we constructed all current elementary relief schools in 2007-08?”

2019-20 Attendance Zones

School	2019-20 Enrollment (10th Day)	If Opened Early in 2007-08
Sunset Park	938	174
Castlevue	687	315
Bay Lake	780	119
Independence	1,116	139
Keene's Crossing	1,199	313
Water Spring	940	77



Enrollment Update 2019-20

ORANGE COUNTY PUBLIC SCHOOLS

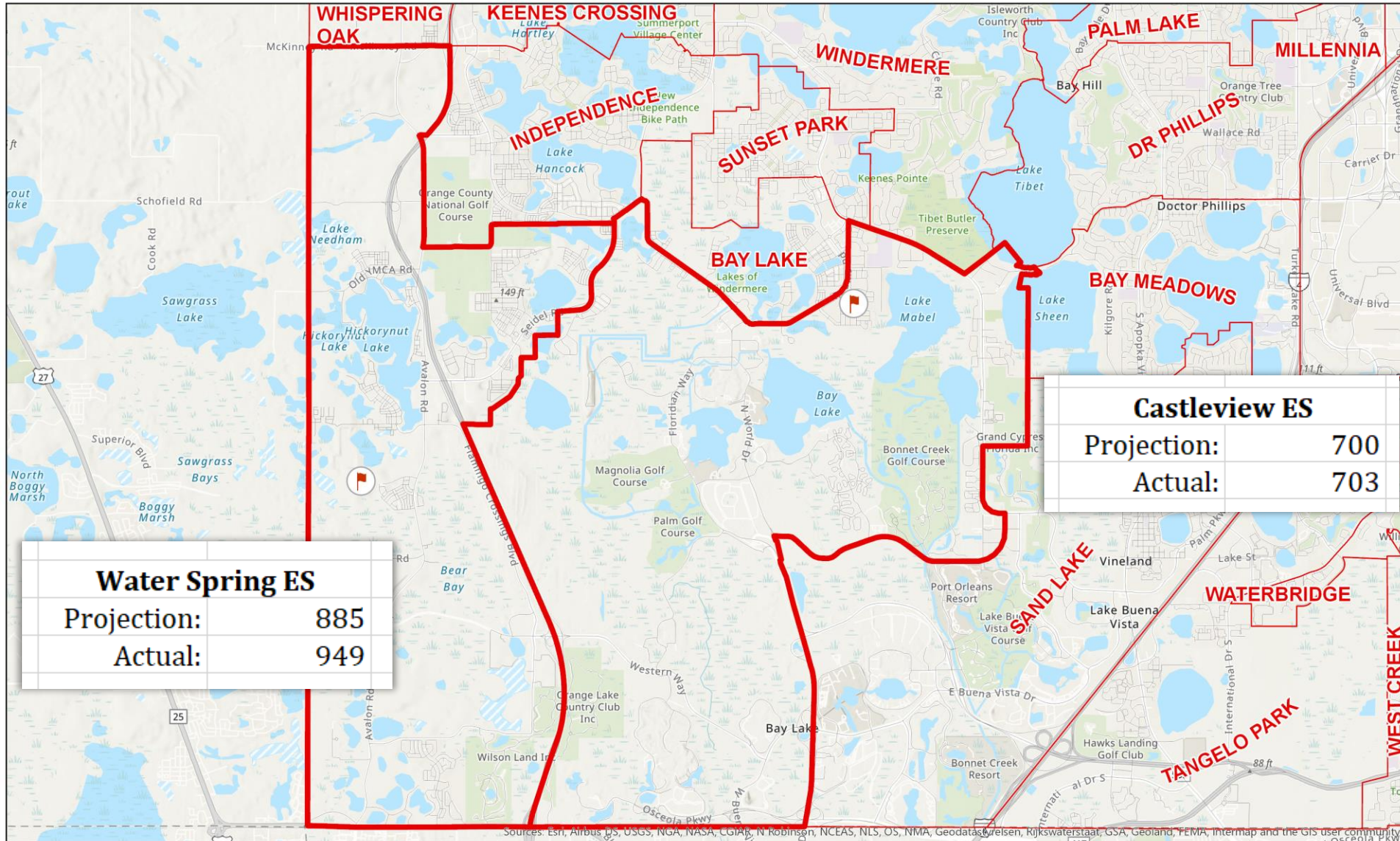
Student Enrollment

DRAFT

16-Oct-19

School	Type	Year Open (Admin)	Enrollment			Permanent Program Capacity (JAN 2019)	Final Projection	First Day (August 12, 2019)	10th Day	9/13/2019 (Skyward)	9/26/2019 (Skyward)	10/07/2019 (Skyward)	10/15/2019	Diff
			2016-17	2017-18	2018-19									
TOTAL			185,208	188,886	191,604		195,088	176,700	190,223	191,494	192,115	192,848	192,912	2,240
Special Schools			18,240	18,369	20,081			15,191	16,589			19,936	20,186	
GRAND TOTAL			203,448	207,255	211,685			191,891	206,812			212,784	213,098	1,413

New Schools For 2019-20

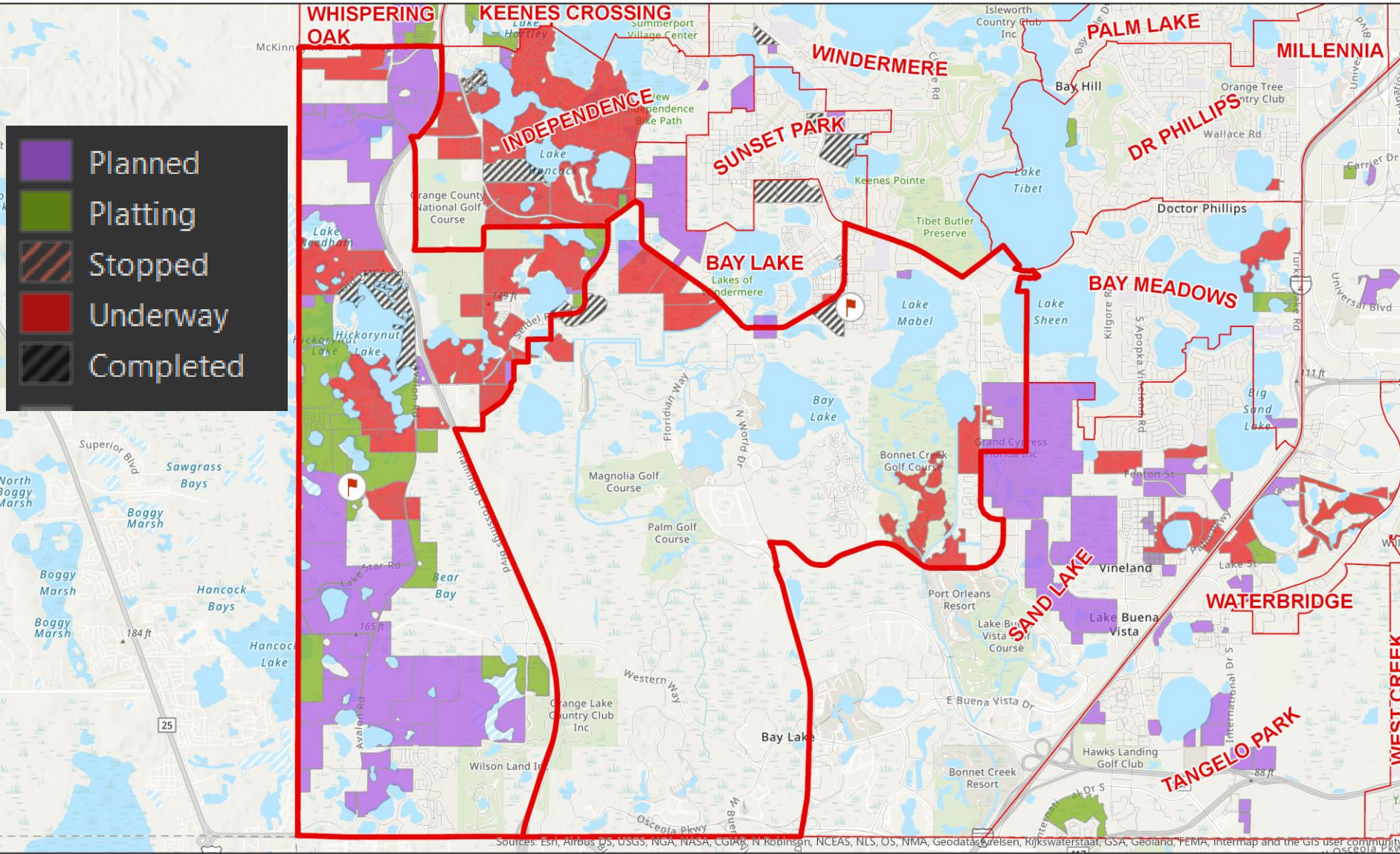


Water Spring ES	
Projection:	885
Actual:	949

Castleview ES	
Projection:	700
Actual:	703

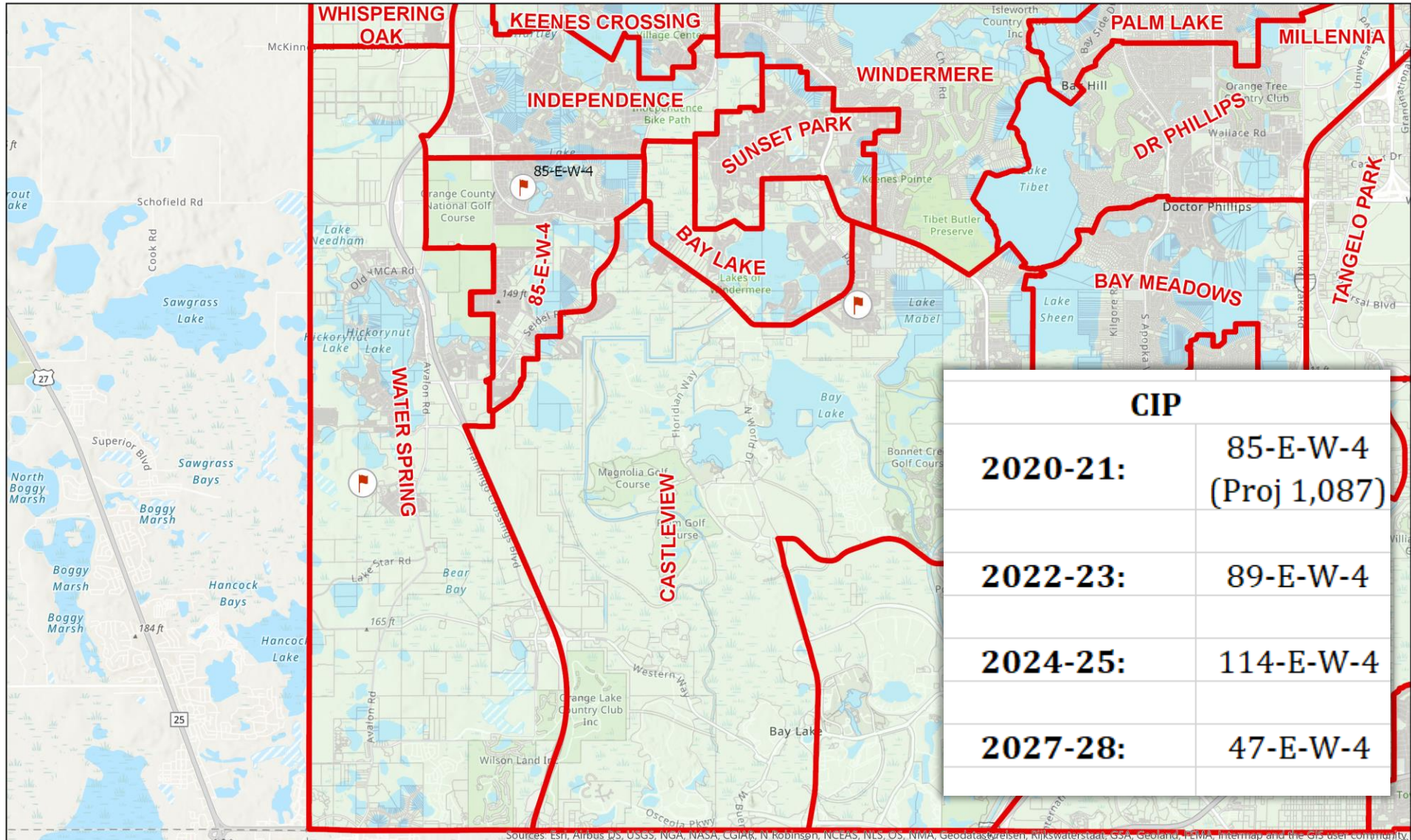
Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatas@reisen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community.

Elementary Schools New



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatas/veisen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community.

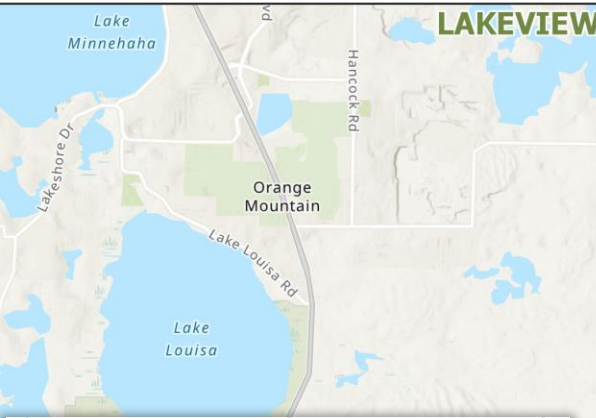
Elementary Schools New 2020-21 Attendance Zones



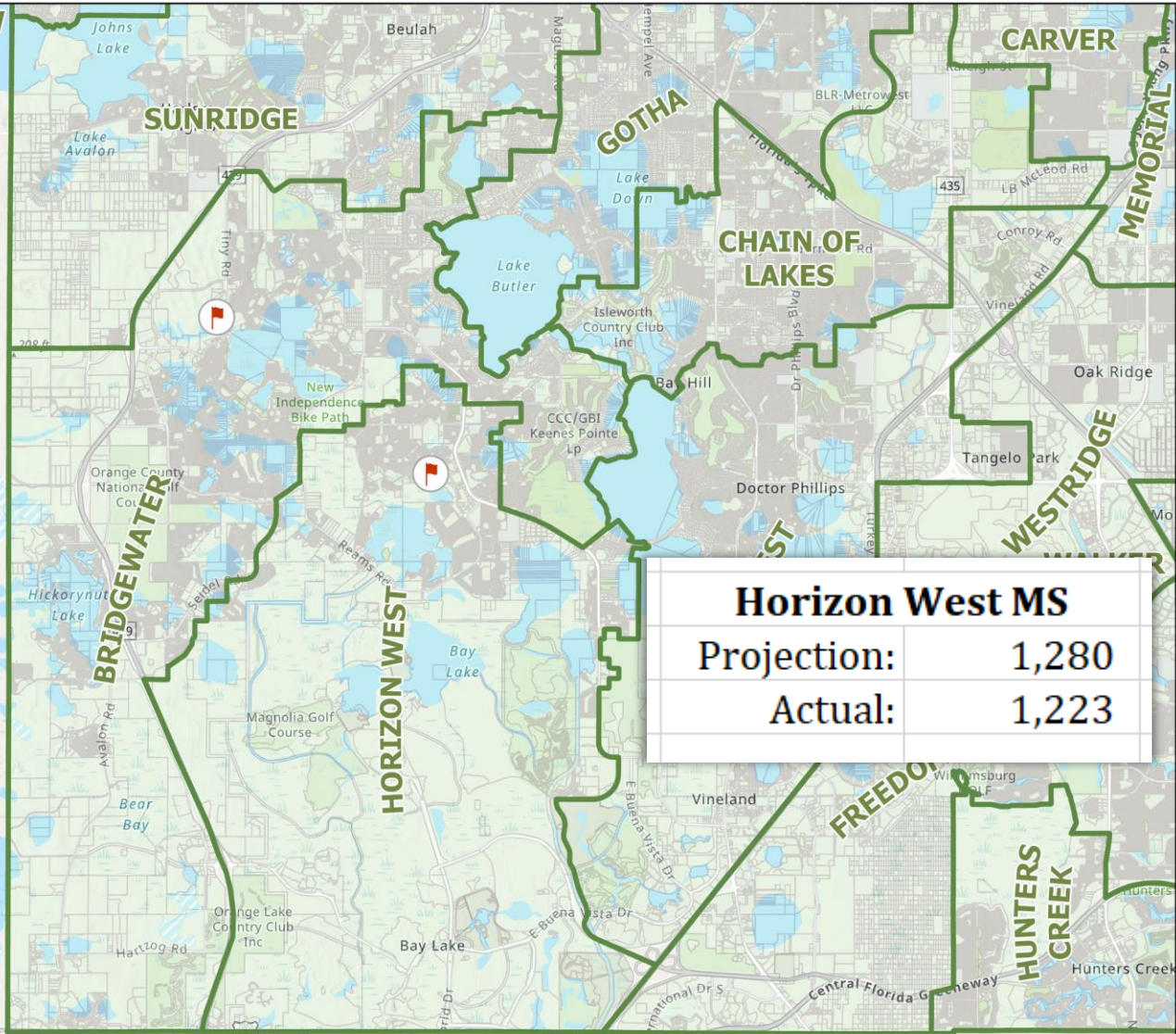
CIP	
2020-21:	85-E-W-4 (Proj 1,087)
2022-23:	89-E-W-4
2024-25:	114-E-W-4
2027-28:	47-E-W-4

Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NIMA, Geodatasweden, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

New Schools For 2019-20



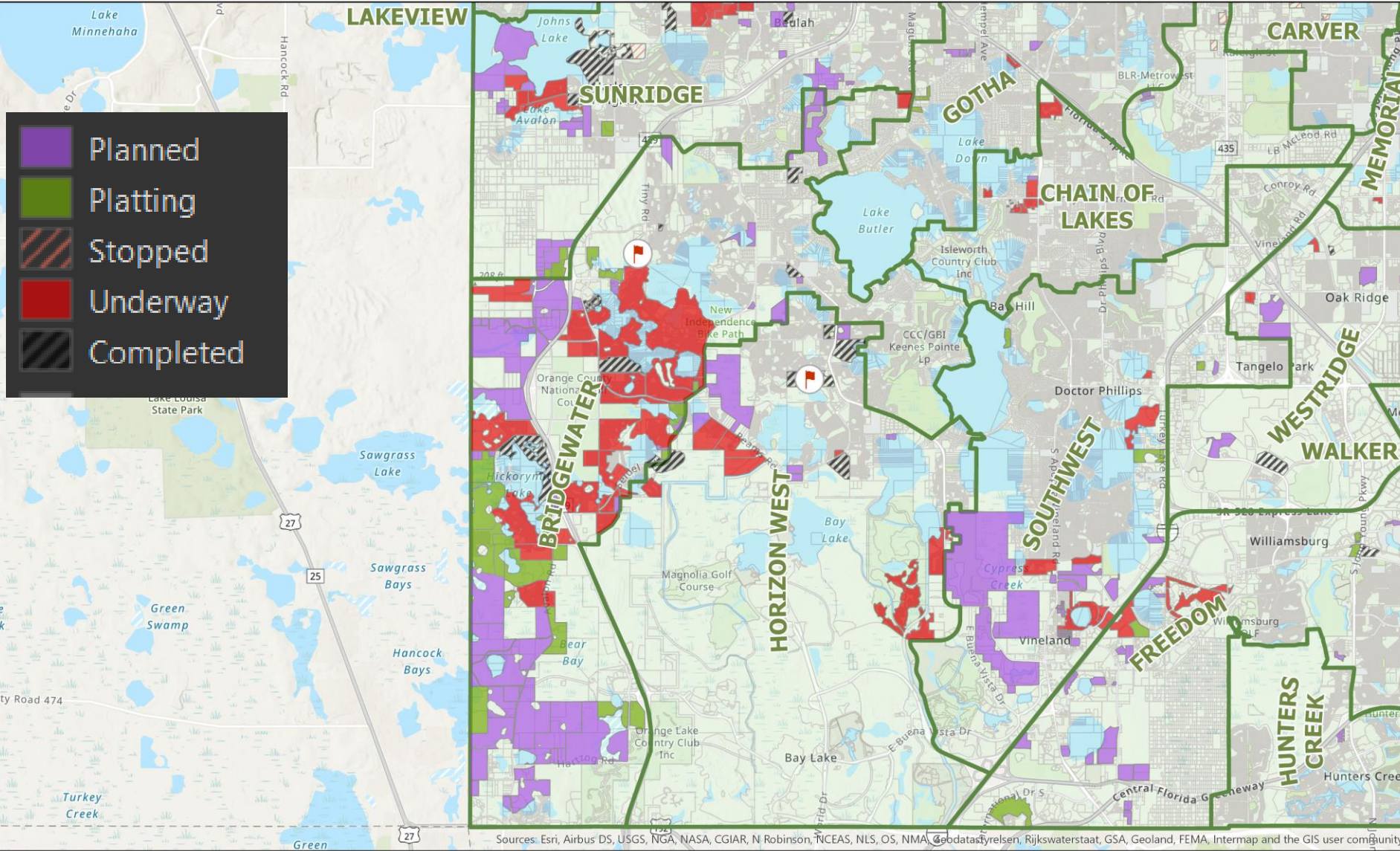
Bridgewater MS	
Projection:	1,777
Actual:	1,840



Horizon West MS	
Projection:	1,280
Actual:	1,223

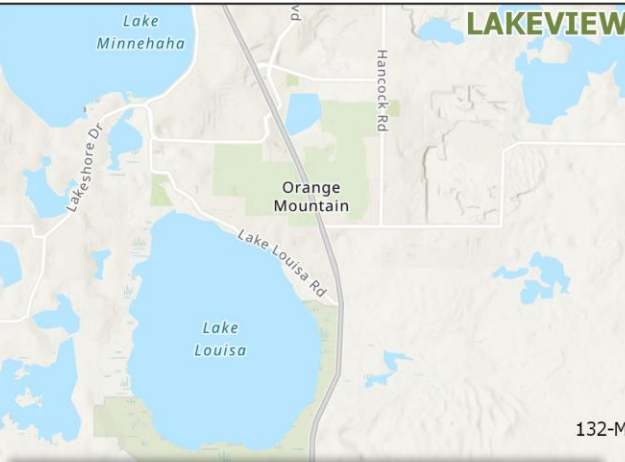
Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

Middle Schools New

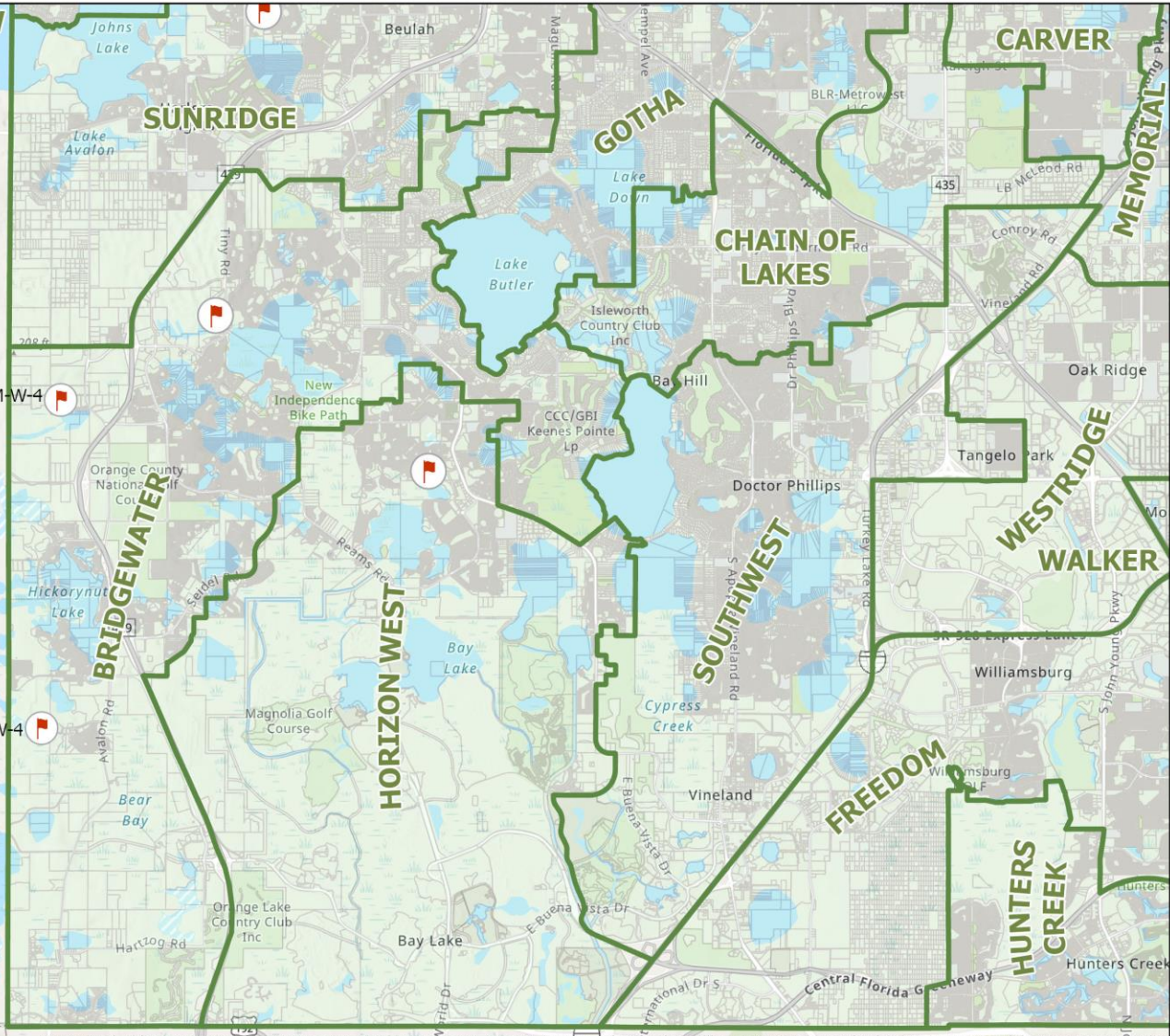


Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatasjyresen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

Middle Schools New

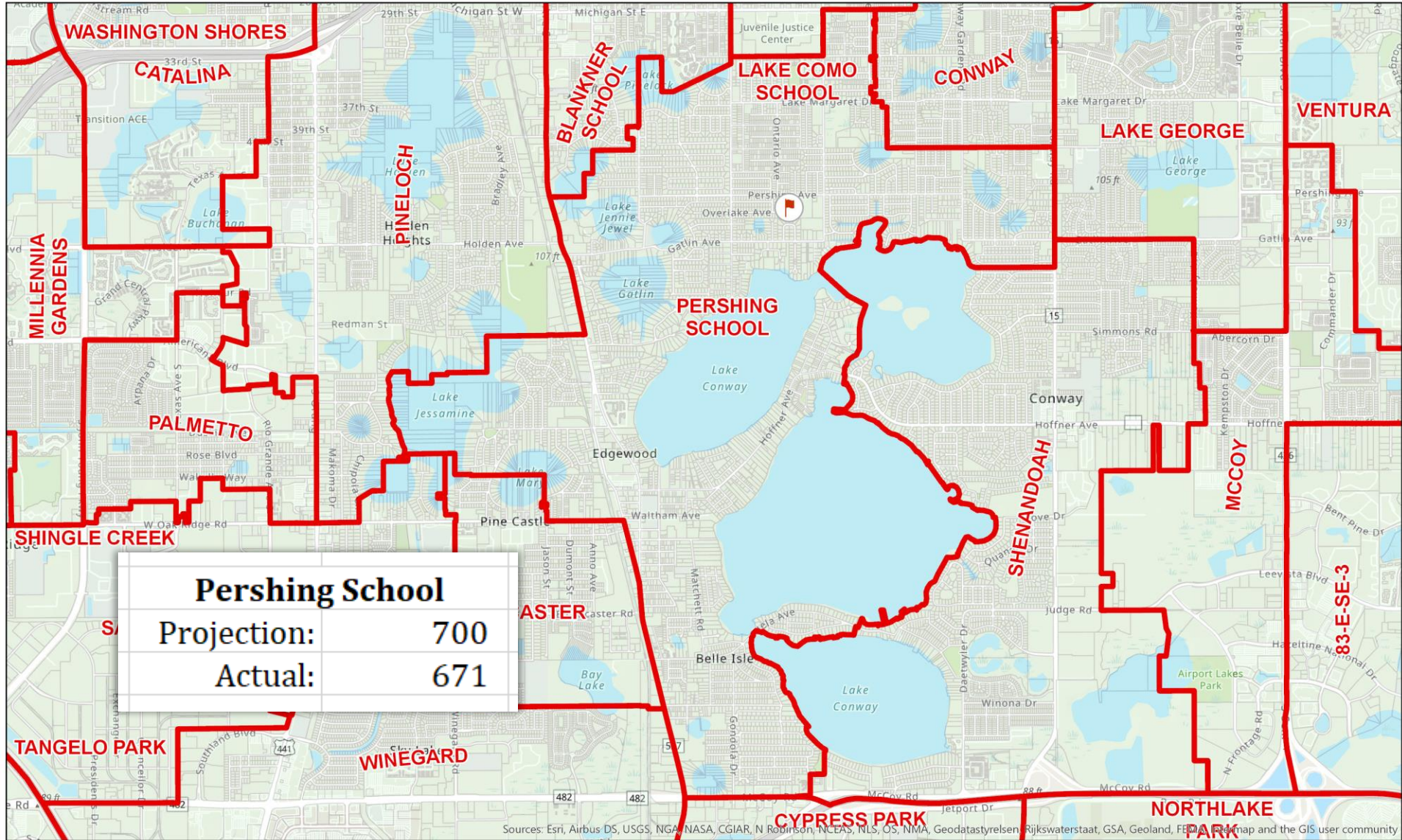


CIP	
2022-23:	132-M-W-4
2023-24:	65-M-W-4



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatasijrelen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

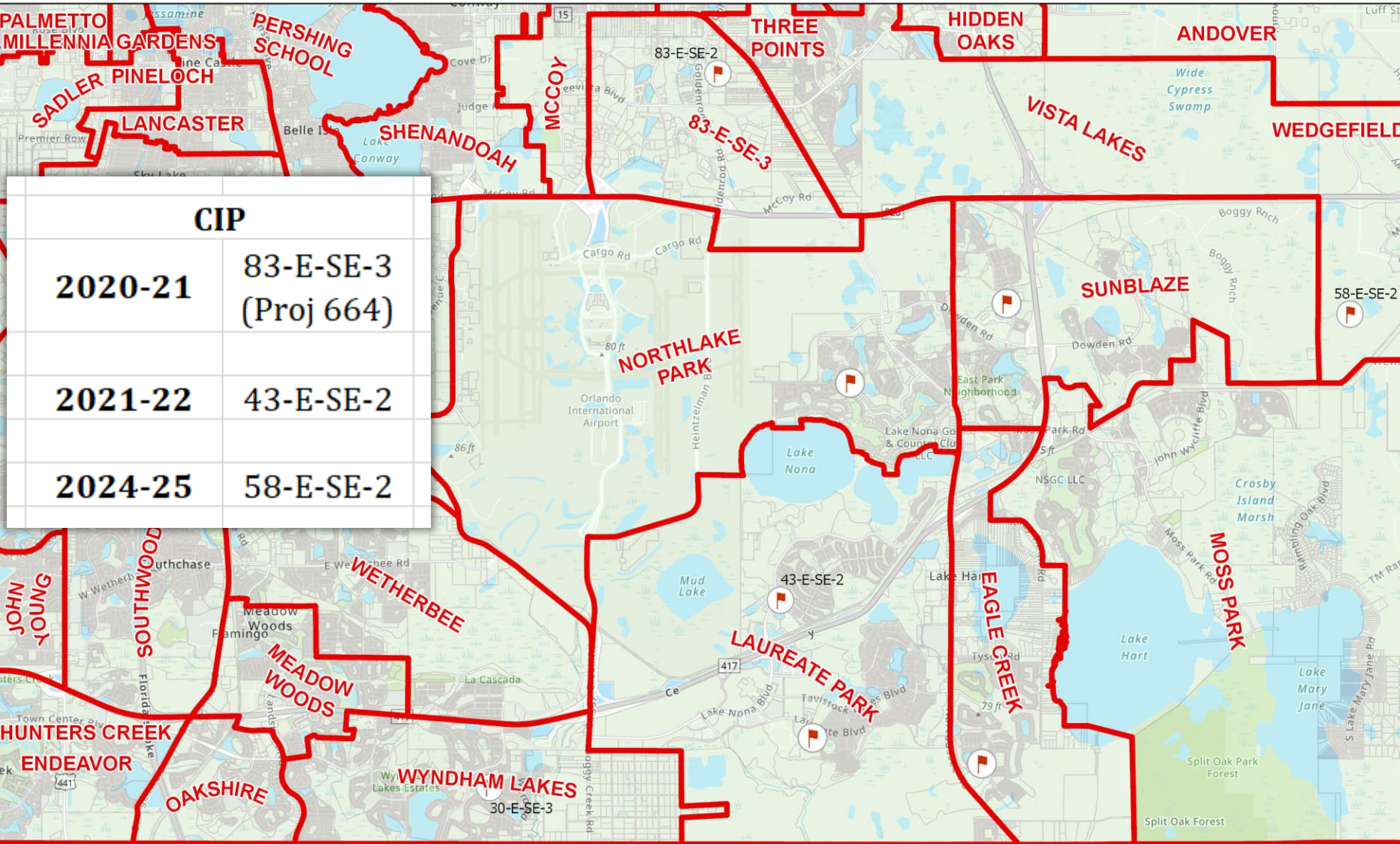
New Schools For 2019-20



Pershing School	
Projection:	700
Actual:	671

Sources: Esri, Airbus DS, USGS, NGA/NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodataslyrselen Rijkswaterstaat, GSA, Geoland, FEMA, OpenMap and the GIS user community

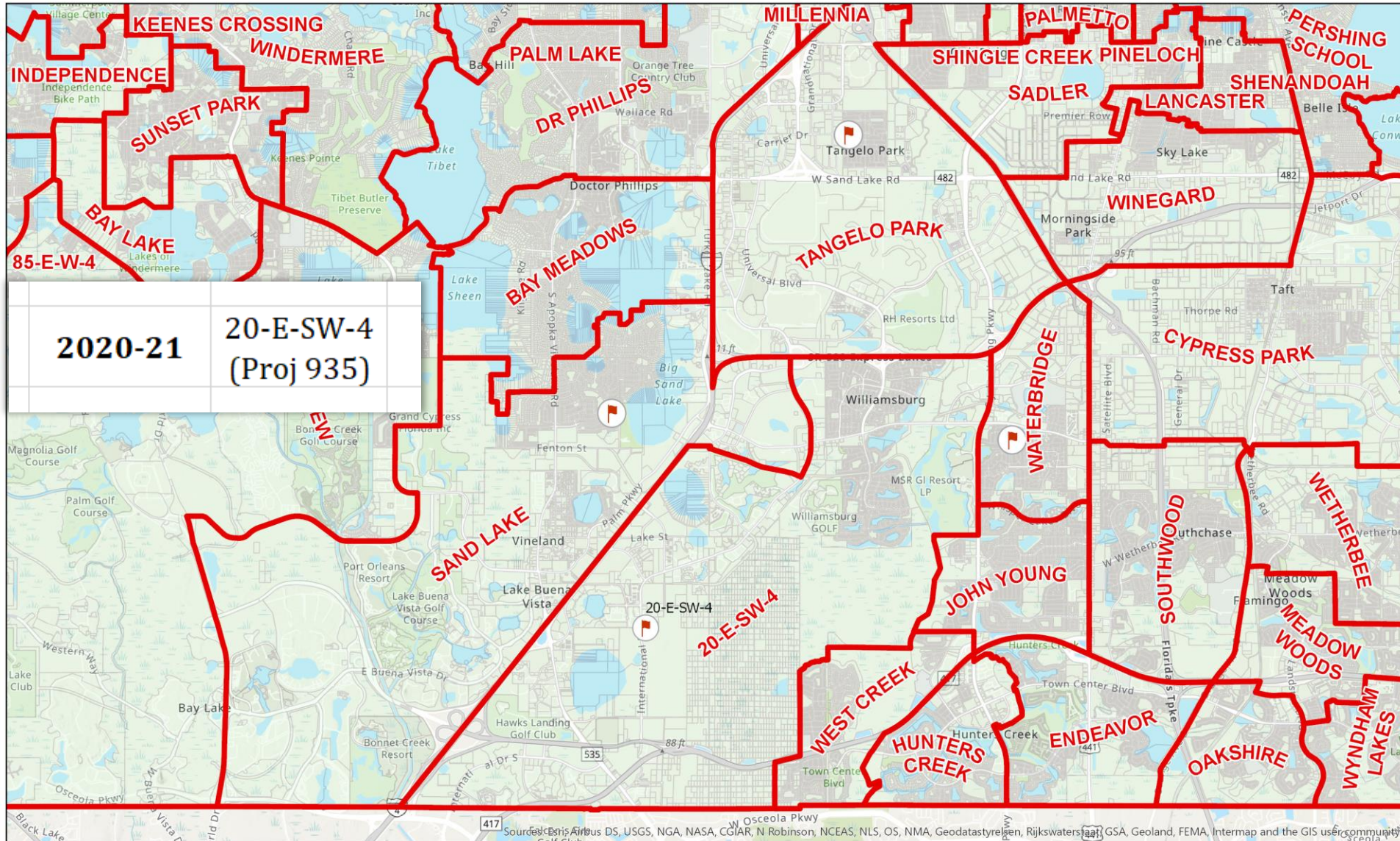
Elementary Schools New 2020-21 Attendance Zones



CIP	
2020-21	83-E-SE-3 (Proj 664)
2021-22	43-E-SE-2
2024-25	58-E-SE-2

Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NIMA, Geodatasysteisen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

Elementary Schools New 2020-21 Attendance Zones





Questions ?



