

PUBLIC SCHOOL FACILITIES ELEMENT

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SUPPORT DOCUMENT

A. Overview of School Facilities Planning

1. Introduction

Over the past decade, the Florida Legislature had strengthened the ties between school planning and general land use and comprehensive planning with the adoption of Senate Bill 360 in 2005, but reversed course and repealed many provisions, including mandatory school concurrency in 2011 with the passage of the Community Planning Act (House Bill 7207). The Community Planning Act shifts much more regulatory discretion to local governments to plan their communities and reduces state oversight in comprehensive planning areas. Under new/revised provisions adopted with House Bill 7207;

- Requirement for a Public School Facilities Element is deleted.
- State-mandated school concurrency is optional.
- Data and analysis and mapping requirements relaxed.

Public School Facilities Element Requirements

With the advent of House Bill 7207, local governments have the option to repeal or continue implementing public school concurrency. Local governments who choose to continue implementing it, can do so under provisions set forth in s. 163.3177(1), 163.31777 and 163.3180(6)(a). Broward County and the City of Pembroke Pines will continue to implement the provisions according state statute the Interlocal Agreement for Public School Facilities Planning (ILA).

The Public School Facilities Element goals, objectives, and policies address the following areas:

- procedure of annual update process;
- procedure for school site selection;
- procedure for school permitting;
- provision of infrastructure necessary to support proposed schools;
- provision for collocation of other public facilities in proximity to public schools;
- provision for location of schools proximate to residential areas and to complement patterns of development;
- measures to ensure compatibility of school sites and surrounding land uses;
- and
- coordination with adjacent local governments and the school district on emergency preparedness issues.

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The data and analysis portion of the Public School Facilities Element addresses:

- how level-of-service standards will be achieved and maintained;
- the Interlocal Agreement (ILA) adopted pursuant to s. 163.31777 and the 5-year school District Educational Facilities Program (DEFP), including LOS maps, adopted pursuant to s. 1013.35;
- the educational plant survey prepared pursuant to s. 1013.31 and an existing educational map or map series;
- projected future population and associated demographics, including development patterns year by year for the upcoming 5-year and long-term planning periods; and
- information on existing development and development anticipated for the next 5 years and the long-term planning period;
- an analysis of problems and opportunities for existing schools and schools anticipated in the future;
- an analysis of opportunities to collocate future schools with other public facilities such as parks, libraries, and community centers as per the ILA;

Planning Horizon

The planning horizons are five years (2021-22) and ten years (2027)

2. Concurrency Management System (CMS)

The concurrency management system for Broward County is an intergovernmental effort that is grounded in the provisions of the Broward County Charter, which provide for county-wide planning processes implemented through the County's Land Development Code. The public school facility Concurrency Management System operates according to the state mandated requirements (Section 163.31777 F.S. and 163.3180 F.S.) for the implementation of school concurrency and the adopted School Board's Interlocal Agreement for Public School Facility Planning (Interlocal Agreement). These require Broward County, the School Board and non-exempt municipalities to ensure that the adopted Level of Service Standard (LOS) to be achieved and maintained for each school type and Concurrency Service Area (CSA).

Unlike existing concurrency services (roads, sanitary sewer, solid waste, drainage, potable water, recreation and mass transit) which are the responsibility of local governments, the School Board, by constitutional mandate, has the responsibility of providing educational facilities to meet the needs of current and future students as represented in the School Board's adopted Five Year District Educational Facilities Plan (DEFP). The local governments, therefore, do not have control of the funding sources or the allocation of funds for new or renovated schools which would add student capacity. However, since the School Board isn't empowered to implement a Concurrency Management System on its own, it must rely upon the local governments to do so through their Land Development Regulations.

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The Broward County Land Development Code contains the County's Concurrency Management System. The Code requires plat approval of all parcels of land prior to receiving a Development Order. Plat approval applies to land within the municipal boundaries as well as that in the unincorporated areas. Per Section 8.2 of the Interlocal Agreement the point of review for Public School Concurrency is at plat or site plan (or functional equivalent).

When a development application is reviewed for school concurrency, it must be determined if the development is exempted or vested (as per Section 8.11 of the Interlocal Agreement) or has been issued a School Capacity Availability Determination Letter (SCAD) by the School Board indicating that adequate school capacity exists. If so, it can be accepted by the County for further processing.

If the development application is not exempted or vested, it is subject to school concurrency and the applicant must submit a Public School Impact Application (PSIA) to the applicable local government for review by the School District according to the provisions and processes outlined in Section 8.13 of the Interlocal Agreement.

3. Collaborative Planning Process & Intergovernmental Coordination

Beginning in 2006, School Board staff began working collaboratively with the County and municipalities through the School Board's Staff Working Group and Oversight Committee to form consensus on the amendments to the Interlocal Agreement and the preparation of a model Public School Facilities Element. Several Staff Working Group Subcommittees were also established to deal with issues including collocation of school facilities, land use changes and developing urban school standards. These committees continue to meet on a regular basis in order to implement state and Interlocal Agreement requirements to coordinate and collaborate on updates to the District Educational Financially Feasible Plan (DEFP), Concurrency Service Areas (CSAs) and amendments to the Comprehensive Plans of the County and non-exempt municipalities for the implementation of public school concurrency.

4. Level of Service Standard Methodology

The level of service standard is based upon the capacity of the school facility, which is the number of pupils to be served by the facility. The level of service is expressed as the percentage (ratio) of student enrollment to the student capacity of the school. The level of service is standard and is expressed in terms of Florida Inventory of School Houses (FISH) capacity. FISH capacity is determined by Florida Department of Education guidelines and represents a measure of the physical capacity of the facility itself. FISH capacity includes satisfactory student stations in classrooms. Based on the Third Amended and Restated Interlocal Agreement for Public School Facility Planning, which became effective in May 2018, the level of service was set for schools of the same type as follows:

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1. School Type A is a bounded elementary, middle or high school that has the equivalent of at least 10% of its permanent FISH capacity available onsite in relocatables. The LOS for School Type A shall be 100% gross capacity
2. School Type B is a bounded elementary, middle or high school that has less than the equivalent of 10% of its permanent FISH capacity available onsite in relocatables. The LOS for School Type B shall be 110% permanent FISH capacity.

The relationship of enrollment to capacity, for individual schools and for concurrency service areas, is derived directly from the five-year schedule of capital improvements that incorporates the Five-Year District Educational Facilities Work Program adopted annually by the School Board. The school capacity and level of service analysis is assigned in a capacity/enrollment and level of service table. This table provides a year-by-year projection of capacity, enrollment, levels of service and available capacity, illustrating surpluses and deficiencies, based on the financially feasible capital program adopted by the school district.

Student enrollment is projected annually based on the specific function of the educational facility and the characteristics of the school attendance area, historical trends, the current and projected pace of development.

Other factors such as students attending schools outside their assigned attendance areas due to reassignments, magnet programs, charter schools and other educational choices are factored into the methodology for enrollment projections and for allocating school capacity.

Student enrollment projections are geographically based using local development trend data and the District's historic student enrollment data. School-by-school enrollment projections by concurrency service areas are applied. General locations of future public schools to be constructed within the District over five years are applied to concurrency service areas relative to the location serving the anticipated capacity deficit. In addition, as stated in School Board Policy 5000, the School Board will maximize the use of existing space throughout the District, not to exceed capacity equal to or greater than 100% of gross FISH capacity, through boundary changes in order to meet school concurrency. As a temporary solution, the implementation of alternative enrollment options as identified by the Superintendent will be the sole discretion of the School Board to ease overcrowding until permanent capacity becomes available through the building of additional facilities on site, boundary change, or new schools.

School enrollments exceeding the adopted level of service capacity, achieve the level of service standard by the fifth year due to planned capital improvements not yet available until the final year or by utilizing approved options to meet the level of service

5. Problems and Opportunities for Existing and Future Schools

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Land Availability The availability of land has increasingly become a major issue facing the School Board. Existing schools that have experienced rapid growth have had to utilize areas of their sites to place classroom additions and relocatables. As a result, much of the available green space, playfields, playgrounds, and parking areas have been sacrificed to locate building program. The demand for larger water retention areas and additional parking has also reduced the useable area for the educational program.

Due to limited available land, the School Board has worked with staff to develop strategies to design for, and construct on smaller sites. In February 2009, the School Board adopted the Guidelines for Urban Concepts via Resolution #09-66. The resolution encourages designing a more compact building footprint, sharing parking and playfields, as well as exploring the use of parking garages versus surface parking.

Construction Costs & Revenue

The primary source of revenue for the District's _capital_outlay is the tax on local property. Property tax revenues increased by 6.1% between 2017 and 2018.

On November 4, 2014, Broward County Voters approved an \$800 million General Obligation Bond. The district has committed to investing the funding to enhance students' learning environments by focusing on improvements in Safety, Music and Art, Athletics, Renovation, and Technology (SMART Program). When the general obligation bond is combined with other capital outlay funds, the SMART Program is currently \$1,009.6 Million.

To keep the School Board and the public fully informed of how the District is using sound policies and practices that meet the essential needs of students and that warrant public confidence in District operations, each year the District prepares and the School Board adopts a Five Year DEFP. The Adopted DEFP is incorporated in the District's adopted budget annually as required by Section 1013.35, Florida Statutes. The current Five Year DEFP was adopted on September 5, 2018 and will be updated again in September 2019. The Adopted DEFP includes the SMART program and lays out a \$2.8 billion long-term financial plan.

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The Adopted DEFP highlights SMART Program construction projects across the District. These projects are being implemented through contracts the District has entered with outside firms to provide Owner's Representative and Cost/Program Controls management services. Using these firms, the District is enhancing efficiency by keeping current with the latest developments in construction management systems and practices. In addition, the firms have established a central coordinated repository of data by implementing, maintaining, and upgrading management information systems appropriated to facilitate the efficient and effective use of information throughout the District's capital projects.

Enrollment Projections Enrollment is not uniform throughout the District as local communities go through their aging cycles at different rates. The District is still experiencing growth in certain areas of the county that has stressed the educational facility capacities in those areas. This imbalance created by regionalized growth, combined with a decline in enrollment in certain areas, has left the District with a surplus in permanent capacity of 26,093 seats, and therefore, due to state plant survey restrictions, unable to add capacity in overcrowded schools. Planning based on sound enrollment projections has proven to be a crucial component especially in times of financial challenges.

Broward County Public School's (BCPS) primary projection tool is a geographically-based Cohort Survival model, which projects future students by grade. The Cohort Survival model is considered very reliable and is utilized by the Florida Department of Education in their student projections and the U.S. Census Bureau for their reports. The model uses an "aging" concept that moves a group, or cohort, of students into the future and increases or decreases their numbers according to past experience through history.

The Cohort Survival methodology relies on historical enrollment and birth data to capture the effects of in and out-migration, housing changes, and natural trends in population. In essence, the model derives a growth factor or ratio for student survival matriculation to the next grade based upon previous survival numbers to the same grade of students in each Traffic Analysis Zone (TAZ), the basic geographic area for the model. In most cases, TAZ areas represent neighborhoods. There are 953 TAZ areas in Broward County. TAZ areas are further

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divided into smaller geographic areas to account for schools that matriculate to more than one school at each grade level, (e.g. an elementary school that feeds into 2 different middle schools). The combination of elementary, middle and high school attendance zones and TAZ areas create a unique identifiable area called a Study Area Identification or SAID. SAIDs capture the grade cohorts more accurately by including feeder patterns. For example, if elementary school A matriculates to 2 different middle schools B and C and one high school D, there would be 2 different SAIDs for elementary school A—one SAID to represent matriculation from elementary A to middle school B to high school D and another SAID to represent matriculation from elementary A to middle school C to high school D.

Once the model has been run for the small geographic units or SAIDs, the projections are then summarized by TAZ. In some instances, individual TAZ areas are corrected to reflect changes in growth which are not picked up in the projection model's histories. A few examples where corrections are required include areas where:

1. new construction is anticipated to exceed the pace of historical construction for an area,
2. an area is reaching build-out and all new construction will cease or slow down,
3. an unprecedented slow-down in the economic market, or
4. a boundary change has artificially increased/decreased the area.

a. Birth Data

The historical number of births is a good indicator of future kindergarten class size. Birth data is acquired from the Florida Department of Health Vital Records by U. S. Census tract. Several steps are taken to interpolate future kindergarten enrollment based on births, as not all children born will enter kindergarten. To project kindergarten enrollment, births by census tract have to be estimated for a five year period i.e., births from 2011 will potentially enter kindergarten in 2016-17. Data is then increased or decreased based on past kindergarten populations by census tract. Once the number of births is

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adjusted, the percentage of students that are in each census tract is broken down to the SAID level. Since the census tract may intersect more than one SAID, a unique identifier is created between the census tracts and SAIDs. The percentage of actual attending kindergarten students for the past two years is calculated for each unique SAID/census tract. This percentage is used to extrapolate the number of kindergarten from the total number of kindergarten aged students within a given unique SAID/census tract. The SAIDs are then summarized to obtain the estimated number of kindergarten students by SAID for five years.

b. Residential Development Data

Each year Broward County municipal planning staff provides current and forecasted certificates of occupancy to assist county and BCPS demographic staff in estimating population changes. Residential growth is also shared and monitored through the Facility Planning and Real Estate Department. BCPS requests city and county planning staff to estimate future certificates of occupancy over the next five years.

c. Other Data

Other information is analyzed to determine if the Cohort Survival rates may need to be adjusted to align with a shorter or longer historical time horizon. These data may include:

1. Existing home sales (source: Florida Association of Realtors)
2. Population Projections (source: U.S. Census, Broward County, Bureau of Economic and Business Research, and Florida Department of Education).

d. Attrition Rate of Attending Students

BCPS includes four years of attending enrollment to calculate the rate of attrition or rate of students matriculating to the next level within their SAID by grade. Attending enrollment is the total number of students within the attendance zone that are attending their geographically assigned school. Determining the attrition rate by SAID, keeps the feeder patterns intact as the grades matriculate to each specific school. For example:

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$$\frac{(\# \text{ of } 2007\text{-}2008 \text{ attending } 2\text{nd graders}) \text{ by SAID}}{(\# \text{ of } 2006\text{-}2007 \text{ attending } 1\text{st graders}) \text{ by SAID}} = \text{SAID } 2\text{nd grade attrition rate } 2007\text{-}2008$$

$$\frac{(\# \text{ of } 2008\text{-}2009 \text{ attending } 2\text{nd graders}) \text{ by SAID}}{(\# \text{ of } 2007\text{-}2008 \text{ attending } 1\text{st graders}) \text{ by SAID}} = \text{SAID } 2\text{nd grade attrition rate } 2008\text{-}2009$$

$$\frac{(\# \text{ of } 2009\text{-}2010 \text{ attending } 2\text{nd graders}) \text{ by SAID}}{(\# \text{ of } 2008\text{-}2009 \text{ attending } 1\text{st graders}) \text{ by SAID}} = \text{SAID } 2\text{nd grade attrition rate } 2009\text{-}2010$$

Once the attrition rate is calculated for each grade, grades one through twelve, over the past three years, it is then averaged and used as a factor to obtain next year's projections for that grade. For example:

$$\left(\frac{\text{Average SAID } 2\text{nd grade attrition rate from } 2007\text{-}2010}{1} \right) \times \left(\# \text{ of } 2009\text{-}10 \text{ attending } 2\text{nd graders by SAID} \right) = \text{projected } 2010\text{-}11 \text{ } 2\text{nd graders by SAID}$$

To calculate subsequent years of projections by grade, the model uses the projected rate of attrition based on the projected enrollment of the previous year to calculate the next projection year. For example:

$$\left(\frac{\text{Average SAID } 2\text{nd grade projected attrition rate from } 2008\text{-}2011}{1} \right) \times \left(\# \text{ of projected } 2010\text{-}11 \text{ attending } 2\text{nd graders by SAID} \right) = \text{projected } 2011\text{-}12 \text{ } 2\text{nd graders by SAID}$$

Projections by SAID for each grade are then reviewed school-by-school. Attrition rates can cause projections to be exceedingly high or low in which case they will have to be adjusted so as not to cause an exponential effect in outer projection years. The following are possible corrections to rates:

Out-of-Boundary Students (OOB): Out-of-boundary (OOB) students are students attending a school from outside their attendance area (i.e. approved reassignments).

BCPS assumes that OOB students at each grade level at each

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school will be the same as the existing year and will have a survival rate of 100% as they matriculate through the grade levels. For example, Middle School A currently has the following OOB students: 35-6th grade, 38-7th grade, and 42-8th grade. For all projected years, Middle School A will have 35-6th grade, 38-7th grade, and 42-8th grade OOB students.

However, adjustments can be made to OOB students if enrollments naturally decline based on the calculated cohort survival rate yet economic or other conditions may suggest enrollment should increase or if schools are eligible to receive assignment transfers. Since assignment data is determined after the release of the projections and is subject to change, the OOB students typically remain constant in the model based on the current year's data.

The school-by-school Cohort Survival model projections, by grade, are compared and tested for reasonableness with other models such as the Florida Department of Education (FDOE) projections and the Broward County Planning and Redevelopment Division school-aged population projections. Accordingly, adjustments may be made to the Cohort Survival model based on the following factors:

1. changes in the rate or type of new housing development within Broward county
2. changes in economic conditions (e.g. the creation of jobs usually means families are moving in whereas a recession usually means families are moving out)
3. immigration
4. natural phenomena (e.g. hurricanes)

There are also decisions made within BCPS, which may have a dramatic effect upon projections. These include:

1. future placement of English Language Learners (ELL) clusters
2. future placement of Exceptional Student Education (ESE) clusters
3. opening and closing of magnet programs (first year projections are difficult because of the lack of a "track

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record")

4. student choice reassignments
5. other approved reassignments
6. opening and closing of charter schools throughout the year

State Plant Survey Florida Statute 1031.31 requires that every five years each county must submit a plant survey to aid in formulating plans for housing the educational program and student population as well as ancillary plants that provide services for the district. The Educational Plant Survey is a long range facility planning tool that determines the future housing and facility needs of the district to provide an appropriate educational program and services for each student based on the district’s mission statement and strategic plan. The survey is developed using Department of Education five-year projections. All projects in the Adopted District Educational Facilities Plan using state authorized funds must be in the district’s state plant survey. Because of declining enrollment and increased space availability this requirement will eliminate building new capacity additions as a viable option to resolve level of service compliance.

The updated five-year student enrollment projections provide a basis for determining capital needs. Table PSF-1 below, summarizes the actual enrollment, by level, for the 2018-19 and the projected enrollment for 2023-24 school years. The projections are compared to the benchmark day figures for the current 2018-19 school year. As indicated in the table, a decrease of 967 students occurred between 2017-18 and 2018-19.

Table 1: Summary of Enrollment Projections

School Type	2016-17 Benchmark Day Enrollment	2017/18 Benchmark Day Enrollment	2017/18 Increase/(Decrease) Over 2016-17 Benchmark Day Enrollment	2022-23 Projected Benchmark Day Enrollment	2022-23 Increase/(Decrease) Over 2017-18 Benchmark Day Enrollment
Pre- Kindergarten	5,731	5,939	208	5,939	0

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Elementary (K-5)	97,264	96,374	(890)	96,519	145
Middle	47,147	48,335	1,188	48,816	481
High	70,404	70,686	282	70,597	(89)
Centers	5,194	5,090	(104)	5,090	0
Charters	45,365	45,093	(272)	46,601	1,508
TOTAL	271,105	271,517	412	273,562	2,045

Source: School Board of Broward County 2018

The District is projected to increase by 2,859 total pre-kindergarten through twelfth grade students, including those in centers and charter schools, by the 2023-24 school year. Enrollment in charter schools is 45,919 this year, with an undetermined number of additional charter schools anticipated in the next year. If the charter school trend continues, then these projected students will impact the capital needs of other public schools in the District. Recent trends in District and charter school enrollment, as well as current birth data indicate that elementary (pre-kindergarten through grade 5) enrollment in District-owned facilities will increase over the next five years by 623 students. Middle school enrollment in District-owned facilities is projected to show an increase of 17 students while high school enrollment will increase by 616 students. By the end of the five-year period, Broward County School District's projected enrollment will total 273,409 students.

Class Size Reduction Requirements

In November 2002, Florida's voters approved an amendment to the Florida Constitution that sets limits on the number of students in the core classes in the State's public schools. In 2003, the Florida Legislature enacted Chapter 2003-391 Laws of Florida which implemented

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the amendment by requiring the number of students in each core classroom to be reduced by at least two students per year beginning in the 2003-2004 school year, with full compliance measured at the classroom level by the 2010-11 school year. The class size maximums established in section 1003.03, Florida Statutes (F.S.), are described in Tabales PSF-2 below.

Table PSF-2: Class Size Maximums

Grade Group	Class Size Maximum
PK-3	18
4-8	22
9-12	25

a. Compliance

As of the 2010-11 school year, class size compliance is measured at classroom level by room and period for all core courses. Core-curricula courses that are included in the class size calculations are defined by the Florida Department of Education (FLDOE) by grade group per Section, 1003.01(14), F.S. The term is limited in meaning and used for the sole purpose of designating classes that are subject to the maximum class size requirements established in s. 1, Art. IX of the State Constitution. This term does not include virtual education or blended learning courses offered under ss. 1002.321(4)(e), 1002.33(7)(a)2.b., 1002.37, 1002.45, and 1003.499, F.S.

In 2010, Florida Legislature clarified that charter schools must comply with maximum class size requirements, except that the calculation for compliance pursuant to section 1003.03, F.S. shall be at the school level average by grade group, instead of at the classroom level. In 2013, Florida Legislature revised section 1002.31(9), F.S., requiring district-operated schools of choice to comply with section 1003.03, F.S., relating to maximum class size, with the calculation for compliance at the school level average by grade group, in the same manner as charter schools.

For the 2011-12 school year, when class size implementation began at the classroom level, Broward County Public Schools (BCPS) was meeting class size in 52.3% of the total core periods. The following

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year, in 2012-13, overall District class size compliance increased to 87.7% and continued to increase in 2013-14 to 89.3%. In 2014-15, all of the District's non-charter schools were able to meet 100% class size compliance requirements, at the classroom level for traditional schools and at the school level average by grade group for Schools of Choice. In 2017-18, for the fourth consecutive year, BCPS has continued to meet 100% class size compliance requirements at all of the District's non-charter schools. Final class size data for the 2018-19 school year will be released by the FLDOE at year's end.

Options for Reducing Capacity

Broward County Schools has considered options to optimize the usage of educational facilities within the District. Each year the District undergoes an extensive boundary process and considers the effectiveness of programs that are being utilized as an alternative to adding capacity.

Boundary Process: Each year the District undergoes a boundary process that considers the demographic changes in student populations, available and future facility capacity, programming components, as well as the diversity at each school. As part of the annual boundary process the District relies on input from the communities and stakeholders. Through the boundary process, every effort is made to maintain equal educational opportunities.

Multi-track Scheduling: Broward County Schools has utilized multi-track schedules for an elementary school successfully. In that school, this multi-track schedule accommodated up to 120% of the school's FISH capacity in the 2005-06 school year. The community was content with the multi-track scheduling and has shown increases in student achievement, attendance and less discipline situations. The District has continued to utilize this method to increase the utilization of schools.

Grade Level Organization: Various grade level configurations are examined to reduce or add capacity. Presently we have one primary school with grade levels of K-3 and one K-8.

Block Scheduling: Broward County Schools have been in the forefront of implementing and evaluating block scheduling. Broward County Schools utilize block schedules at several schools.

High School Options: Dual enrollment gives high school juniors and seniors the opportunity to take college level courses and receive credits towards high school graduation. If a student qualifies for this it can free up capacity while benefiting

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student achievement. The early admissions and 18 credit diploma option allows for high school students to apply for early graduation, which will also relieve enrollment at our high schools.

Other Alternatives: Broward County Schools has also been using creative alternative methods to assist in distributing the student population by allowing parents and students the choice of school assignment. Some examples are:

Broward Virtual School: Broward Virtual School offers full-time enrollment to students in grades K-12 through an online educational delivery system. Students in grades 6-12 may enroll part-time as well. BVS offers equitable access to high quality, individualized education, through the Internet and other distance learning technologies. The virtual environment provides flexibility of time and location, and promotes development of the skills, the attitudes, and the self-discipline necessary to achieve success in the 21st century. Broward Virtual School offers students the opportunity to earn a standard high school diploma entirely online. <http://www.bved.net/>

Magnet Schools: The District offers magnet programs in several locations largely in schools where space is available. These programs offer a thematic educational program; which entices students/parents to choose a school and fill available seats. They have been a popular choice alternative option.

1. Charter Schools: Second only to Miami-Dade County, the District has led the state in the number of students attending charter schools. During the 1999-00 school year 3,873 students attended charter schools. Since that time charter school enrollment has increased an additional 42,046 students, enrolling a total of 45,919 students during the 2018-19 school year.

Table 2: Charter Schools Serving Elementary, Middle and High School Students

<u>Charters Serving Elementary School Students</u>	<u>Charters Serving Middle School Students:</u>	<u>Charters Serving High School Students:</u>
Alpha International Academy	Ben Gamla Charter	Ben Gamla Charter High
Atlantic Montessori Charter	Ben Gamla Charter Hallandale	City of Coral Springs
Ben Gamla Charter	Ben Gamla Charter North Broward	City of Pembroke Pines
Ben Gamla Charter South Broward	Ben Gamla Charter South Broward	Dolphin Park High
Broward Charter School of Science and Technology	Broward Charter School of Science and Technology	International School of Broward

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Broward Community Charter	City of Coral Springs	Lauderhill High
Broward Community Charter West	City of Pembroke Pines - W/C	Mavericks High Central Broward
Central Charter School	Discovery Middle Charter	Mavericks High North Broward
Charter School of Excellence	Eagles' Nest	North University High
Charter School of Excellence @ Davie	Florida Intercultural Academy West	Somerset Academy High
Charter School of Excellence @ Davie 2	Franklin Academy A	Somerset Academy Charter High Miramar
Charter School of Excellence, Ft Lauderdale 2	Franklin Academy B	Somerset Conservatory
Charter School of Excellence @ Tamarac 1	Hollywood Acad. of Arts & Science	Somerset Prep Charter High @ N Lauderdale
Charter School of Excellence @ Tamarac 2	Imagine Middle School West	Success Leadership Academy (Life Skills)
Charter School of Excellence @ Riverland	Imagine School at Broward Middle	SunEd High
Charter School of Excellence @ Riverland 2	International School of Broward	
City of Pembroke Pines - E/W/C	Kathleen C. Wright Leadership Academy	
Eagles' Nest	North Broward Acad. of Excellence	
Everest Charter School	The Obama School for Boys	
Excelsior Charter of Broward	Paragon Academy of Technology	
Florida Intercultural Academy	The Red Shoe Charter School for Girls	
Florida Intercultural Academy West	Renaissance Charter School at Cooper City	
Franklin Academy A	Renaissance Charter School of Coral Springs	
Henry McNeal Turner Learning Academy	Renaissance Charter School of Plantation	
Hollywood Acad. of Arts & Science	Renaissance Charter School at University	
Imagine School at Broward	RISE Academy School of Science and Technology	
Imagine School at North Lauderdale	RISE Acad. School of Science and Tech., Tamarac	
Imagine Schools- South Campus	Somerset Academy Middle	
Imagine School at Weston	Somerset at Miramar Middle	
Kathleen C. Wright Leadership Academy	Somerset Pines Academy	

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Kidz Choice Charter	Somerset Prep Charter School @ N Lauderdale	
Next Generation Charter School	Somerset Preparatory Charter Middle	
North Broward Acad. of Excellence	Somerset Village Academy Middle	
The Obama School for Boys		
The Red Shoe Charter School for Girls		
Renaissance Charter School at Cooper City		
Renaissance Charter School of Coral Springs		
Renaissance Charter School of Plantation		
Renaissance Charter School at University		
RISE Acad. School of Science and Technology		
RISE Acad. School of Science and Tech., Tamarac		
Somerset Academy Elementary		
Somerset Academy Davie		
Somerset Academy East		
Somerset Academy Pompano		
Somerset at Miramar Elementary		
Somerset Miramar South		
Somerset Neighborhood		
Somerset Pines Academy		
Somerset Prep Charter School @ N Lauderdale		
Somerset Village Academy		
Sunshine Elementary Charter		
West Broward Academy at Excelsior		

Source: School Board of Broward County, 2012

6. Analysis of Infrastructure Needs for Existing and Proposed School Facilities F.S. 163.31777(2)(d).

Broward County currently has 322 public school facilities, including elementary, middle, high, charter and special schools. Due to the fact that Broward County is predominately built out, the major infrastructure, including; roads, drainage, sanitary

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sewer and potable water facilities are available to support existing and proposed school facilities.

One area which needs attention however, is pedestrian infrastructure. The County has some areas where sidewalks and unobstructed access to schools can be improved. To address this, Broward County promotes safe routes to schools (SRTS) through the Broward County MPO 2035 Long Range Transportation Plan. A goal to “ensure and where possible enhance safety and security” in transportation projects near schools is intended to reduce hazards by providing the necessary infrastructure for pedestrians within a 2 mile radius of schools deemed “hazardous” for school children. In furthering this goal, the 2035 Plan proposes sidewalk infrastructure improvements in areas which are deemed hazardous and/or enhance the safety and security of pedestrians. The School District has also applied for Safe Route to School (SRTS) Grants for sidewalk construction since 2006 and to date we maintain a list of over 130 locations in Broward County that need sidewalk improvements. This list is updated annually.

In addition, during the development review and site selection process of any proposed school, all infrastructure needs are taken into consideration. These procedures and processes are outlined in Sections V and VI of the Second Amended ILA. The School Board also requires that all major expansion, remodeling and/or replacements projects (exceeding \$1,000,000) go through a Master Planning process. This process, which involves public input, must evaluate infrastructure issues such as; site circulation, parking, retention areas and public utility locations.

B. Data and Analysis

1. Population and Housing Conditions

Population Growth in Pembroke Pines

The City of Pembroke Pines has experienced significant population growth since 1999. In 1999 the city’s population was 117,449, and in 2005, the population was 159,422, a growth of approximately 35%. Though the city is approaching “build-out”, expectations are that growth will continue. The future pace of growth will be less than in past years, both in terms of percentage and in absolute growth as the city anticipates the transition from large tracts of “Greenfield” development to “redevelopment”. At the same time the demographics of the population will continue to change. A larger percentage of growth will come as result of in-migration from abroad. The City’s median age increased from 1999 to 2003 as it became home to larger numbers of retirees. Since that time, the median age decreased and is expected to continue to do so at a slow rate.

The City of Pembroke Pines is a suburban community located in South Florida. The City is also a home to many retirees, although according to

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the 2005 U.S. Census Bureau American Community Survey, the percentage of the population over 65 years of age has decreased from 19 percent in 1990 to 14 percent in 2005. At the time of the City's incorporation in 1960, the City of Pembroke Pines had 1,429 residents. In 1995, the City's population grew to 87,463, which is an increase of approximately 34 percent over the 1990 population of 65,566. In contrast, according to the Bureau of Economic and Business Research at the University of Florida, the population of Broward County grew about 5 percent during the same time period. The 2005 U.S. Census Bureau American Community Survey estimated the City's population to be 159,422, which is a 143 percent increase since 1990 and during same time period, the county's population increased by 40 percent. According to the EAR, population growth is expected to continue through the year 2025. See Table 3 below:

Table 3: Population City of Pembroke Pines, 2000-2025

YEAR	POPULATION
2000	137,992
2005	157,711
2010	165,134
2015	168,815
2020	171,789
2025	173,548

Source: Broward County

The EAR, adopted February 2006, included an analysis of issues determined to be of major importance by the City's Local Planning Agency during the conduction of Scoping Meetings pursuant to Chapter 163.3191, F.S. One of these issues included Managing and Directing Population Growth. According to the adopted EAR, population growth in the city as well as in the county continues to be driven by net migration. People are attracted to the South Florida Region by external factors such as the climate, economy, and lifestyle. As mentioned above and within the climate section of the adopted Future Land Use Element, increases in certain demographic categories were anticipated due to the effect of Hurricane Andrew on the migration of households from Dade to Broward County. The average household size increased from 2.4 in 1995 to 2.6 in 2000 (an increase of 7.6 percent). In 2000, the City's population grew to 137,427, and in 2005, the

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City's population was projected to be 157,711, a growth rate of 13 percent since 2000. The County's population grew to 1,621,387 in 2000, to a projected 1,790,180 in 2005, or a 9 percent growth rate since 2000. The City of Pembroke Pines experienced more significant rates of growth from 1990 to 1995 (34 percent) while during this same period, the County's population grew by about 8 percent. Although the City's projected rate of growth exceeds the county's, the differences in the two rates have been significantly reduced.

School Age Population – Broward County

As with population growth in general, Broward's and the city's school age population has experienced considerable growth since 1970. In some ways it reflects the overall demographics of the population growth. The influx of retirees through the early 1980's caused a drop in the Kindergarten through 12th Grade population to decrease by more than 5% of the total. The decline continued into 1990; but by 2000, the K-12 population's percentage of the total increased. As the population grows larger, the K-12 population is expected to stabilize at around 17% of the total population through 2020. By 2020, the school age population (elementary through high school) will have grown by 22%. Most of the growth will occur in the elementary and middle school age groups as the younger in-migrating population begins establishing families.

The Higher Education-age group also grows in the short term and by 2020 is nearly 30% larger than its 2000 equivalent

Table 4: School Age Population Broward County 1970-2035

Year	School Age Population			Percent of Total Population		
	K-12	Higher Ed.	Total	K-12	Higher Ed.	Total
1970	133,064	118,673	251,737	22%	19%	41%
1980	164,431	250,044	414,475	16%	250%	41%
1990	177,638	317,283	494,921	14%	25%	39%
2000	279,888	348,245	628,133	17%	22%	39%
2010	288,093	371,647	659,740	17%	21%	38%

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2015	284,090	401,087	685,177	16%	22%	38%
2016	286,454	405,946	692,400	15%	22%	37%
2020	294,344	423,059	717,403	15%	22%	37%
2025	305,980	436,134	742,114	15%	21%	36%
2030	315,355	431,019	746,374	15%	20%	35%
2035	322,598	431,309	753,907	15%	20%	35%
2040	328,250	441,211	769,461	15%	20%	34%
2045	331,076	453,278	784,354	15%	20%	34%

Source: U.S. Census Bureau, Decennial Census for years 1970, 1980, 1990, 2000, 2010

University of Florida Bureau of Economic and Business Research, Detailed Population Projections by Age, Sex, Race, and Hispanic Origin, for Florida and Its Counties, 2020-2045, With Estimates for 2016 All Races

Housing Characteristics

In 1995, residential development represented approximately 10,500 acres of the City's 22,176 total acres, or 47% of the City's total acres. Of this amount, single family homes were the predominate type of residential development which represented approximately 84% of the residential component of the built environment within Pembroke Pines. The balance of the residential component consisted of a variety of townhouses, garden apartments and mid-rise condominiums. The multi-family category grew by 713 acres, from 841 in 1984 to 1,554 acres in 1995. The multi-family category represented approximately 4% of the City's total acreage and 24% of all residential designated land in 1984, and 7% of the City's total acreage and 15 % of all residential designated land in 1995. Although the multi-family category grew in number of acres and as a percentage of the City's total acreage, it decreased as a percentage of the City's residential designated lands.

In 2002, 64 percent of the city's housing stock consisted of single family, 35 percent consisted of multi-family, and 1 percent consisted of mobile homes. By comparison, 52 percent of the County's housing stock consisted of single family, 45 percent consisted of multi-family, and 3 percent consisted of mobile homes. In 2002, 80 percent of the city's households owned their home. By comparison for the same year, 70 percent of the county's households owned their own home.

According to the EAR, adopted February 2006, residential development accounted for approximately 12,960 acres or 58 percent of the City's total

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acres. Single family homes accounted for 10,148 acres of total residential acres, 78 percent of the residential acreage, and 45 percent of the City's total acres. Multi-family homes accounted for 2,689 acres of total residential acres or 21 percent of the residential acreage, while mobile homes accounted for 122 acres or 1 percent of the residential acreage. Although the total acres for single family homes increased from 8,804 in 1995 to 10,148 in 2005, it decreased as a percentage of the total residential acres during the same time period (84 percent in 1995, 78 percent in 2005). Single family homes also decreased as a percentage of the City's total acreage (47 percent in 1995, 45 percent in 2005). Multi-family acreage increased from 1,484 in 1995 to 2,689 in 2005. Multi-family homes accounted for 15 percent of the City's total residential acreage in 1995 and 21 percent of the City's total residential acreage in 2005. Therefore, multi-family homes increased as a percentage of the City's total acreage and residential acres during the same time period.

Table 5 below shows the city's housing characteristics from 2002-2005:

Table 5 – Housing Characteristics, 2002-2005, City of Pembroke Pines

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Year	Total Units	Single Family	% Single Family	Multi-Family	% Multi-family	Owner Occupied	Renter Occupied	% Vacant	%Owner Occupied
2002	57,553	35,386	61%	21,122	37%	31,631	9,804	8	55%
2003	60,134	37,951	63%	21,602	36%	33,424	11,938	5	56%
2004	60,295	37,060	61%	22,654	38%	45,556	10,819	7	76%
2005	63,080	37,645	60%	24,854	39%	45,966	12,990	7	73%

Source: 2002-2005 American Community Survey - US Census Bureau

Development Trends

As Broward County and the city approach “build-out” while still feeling the pressure of population growth, new residential construction will be predominantly multi-family. **Table 6** below depicts forecasted Certificates of Occupancy for the City of Pembroke Pines, and shows that approximately all of dwelling unit growth in the future will be multi-family. While the actual numbers will deviate from this, the general trend will apply.

Table 6: Residential CO’s Issued by Type

Year	Single Family	Multi-Family	Total	Change from Previous Year
2004	668	744	1,412	
2005	1,137	496	1,633	221
2006	0	140	140	-1,493
2007	0	160	160	20
2008	0	1,260	1,260	1,100
2009	103	179	179	-1,081
2010	0	179	170	-9
2011	0	516	516	346
2012	0	82	82	-434

Source: City of Pembroke Pines Planning Division, 2007

2. Current Profile of Broward County Public Schools

Summary Profile of Public Schools in Broward County

Summary Profile of Public Schools in Broward County

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The numbers of school buildings, student stations and classrooms are reflected in Table PSF-7. The majority of buildings and student stations are for elementary students, 55% and 44% respectively as compared to the total for the School District. High Schools have the highest level of relocatable stations 9,140 and Elementary has the highest level of relocatable classrooms 406. As noted in Table PSF-8, most of the school facility buildings were constructed in the last 20 years. **Map 16-1 depicts the locations of all Public Schools in Broward County.**

Table 7: Summary Profile of School Capacity

School Type	Permanent Buildings	Relocatable Buildings	Permanent Stations	Relocatable Stations	Permanent Classrooms	Relocatable Classrooms	Permanent Net Sq. Ft.	Relocatable Net Sq. Ft.
Elementary	1,057	406	111,132	7,912	6,564	406	15,128,719	369,616
Middle	339	306	56,942	5,762	2,706	306	7,098,471	270,589
High	456	380	74,185	9,140	3,360	380	9,590,507	314,291
Special	179	123	13,644	2,295	825	123	2,420,506	100,764
Charter	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	2,031	1,215	255,903	25,109	13,455	1,215	34,238,203	1,055,260

Source: School Board of Broward County, Florida Inventory of School Houses (FISH) data 2018.

Table 8: Age of School Facility Buildings

School Type	% of sq.ft.	% of sq.ft.	% of sq..	% of sq.ft.	% of sq.ft.	% of sq.ft.
	1-10 years	11-20 years	21-30 years	31-40 years	41-50 years	over 50 years
Elementary Schools	7%	29%	37%	4%	14%	8%
Middle Schools	1%	31%	32%	4%	23%	9%
High Schools	10%	28%	12%	6%	29%	16%
Special Schools	8%	20%	21%	21%	18%	12%
Charter Schools	N/A	N/A	N/A	N/A	N/A	N/A

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Source: School Board of Broward County Florida Inventory of School Houses (FISH) data 2018

Elementary Schools

There are 140 public elementary schools in Broward County as of 2018-19 not including Broward Virtual Elementary. There are five K-8 Combination school. A profile of the existing schools is depicted in **Table 9** below.

Table 9: Current Profile- Broward County Elementary Schools 2012/13

Facility Name	Site Size (Acres)	Age Range	Permanent Buildings	Relocatable Buildings	Current Enrollment (Benchmark Day)	100% Gross FISH (Student Capacity)	LOS (100% of gross FISH)	% of Capacity
Atlantic West Elementary	8	1974-2004	6	13	694	1,009	1	68.8%
Banyan Elementary	10	1980-2009	4	5	641	831	1	77.1%
Bayview Elementary	2	1958-2000	4	0	585	572	2	102.3%
Beachside Montessori Village	6	2008-2008	3	0	789	747	2	105.6%
Bennett Elementary	8	1952-2007	10	0	416	542	1	76.8%
Bethune, Mary Elementary	18	1961-2008	12	0	523	1,106	1	47.3%
Boulevard Heights Elementary	10	1961-2008	15	0	665	812	1	81.9%
Broadview Elementary	10	1965-2006	5	8	855	1,130	1	75.7%
Broward Estates Elementary	10	1957-2007	18	0	424	695	1	61.0%
Castle Hill Elementary	9	1969-2007	8	17	631	817	1	77.2%
Central Park Elementary	13	1990-2004	10	10	964	1,123	1	85.8%
Challenger Elementary	8	2000-2004	3	0	1,010	1,000	2	101.0%
Chapel Trail Elementary	10	1994-2003	6	0	819	1,054	1	77.7%

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Facility Name	Site Size (Acres)	Age Range	Permanent Buildings	Relocatable Buildings	Current Enrollment (Benchmark Day)	100% Gross FISH (Student Capacity)	LOS (100% of gross FISH)	% of Capacity
Coconut Creek Elementary	10	1969-2002	5	3	666	803	1	82.9%
Coconut Palm Elementary	12	2000-2000	2	11	770	1,018	1	75.6%
Colbert Elementary	10	1952-2008	5	0	705	812	1	86.8%
Collins Elementary	10	1957-2005	11	0	383	371	2	103.2%
Cooper City Elementary	10	1970-2007	3	2	770	745	2	103.4%
Coral Cove Elementary	12	2004-2004	3	0	718	830	1	86.5%
Coral Park Elementary	11	1989-2007	12	0	649	705	1	92.1%
Coral Springs PreK-8	10	1974-2006	6	2	727	943	1	77.1%
Country Hills Elementary	15	1990-2006	10	0	852	849	2	100.4%
Country Isles Elementary	9	1987-2004	13	6	975	1,096	1	89.0%
Cresthaven Elementary	10	1992-2008	7	0	613	705	1	87.0%
Croissant Park Elementary	12	1992-2003	7	2	761	846	1	90.0%
Cypress Elementary	13	1969-2010	8	2	759	909	1	83.5%
Dania Elementary	7	1958-2007	11	3	501	623	1	80.4%
Davie Elementary	9	1977-2003	5	4	768	813	1	94.5%
Deerfield Beach Elementary	14	1927-2010	11	3	623	665	1	93.7%
Deerfield Park Elementary	11	1978-2005	10	0	594	804	1	73.9%
Dillard Elementary	10	1994-1994	7	2	810	795	2	101.9%
Discovery Elementary	15	2008-2009	3	0	979	942	2	103.9%
Dolphin Bay Elementary	12	2005-2005	3	0	770	830	1	92.8%
Dr. Martin Luther King Jr.	11	1968-2007	7	0	474	737	1	64.3%

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Facility Name	Site Size (Acres)	Age Range	Permanent Buildings	Relocatable Buildings	Current Enrollment (Benchmark Day)	100% Gross FISH (Student Capacity)	LOS (100% of gross FISH)	% of Capacity
Montessori Academy								
Drew Elementary	15	1990-1990	9	11	529	631	1	83.8%
Driftwood Elementary	8	1960-2003	13	4	606	758	1	79.9%
Eagle Point Elementary	12	1994-2009	8	0	1,423	1,304	2	109.1%
Eagle Ridge Elementary	12	1994-1994	6	0	883	872	2	101.3%
Embassy Creek Elementary	14	1991-2008	7	2	1,199	1,087	2	110.3%
Endeavour Primary Learning Center	12	2002-2002	2	8	353	504	1	70.0%
Everglades Elementary	10	1998-2005	4	0	1,034	1,220	1	84.8%
Fairway Elementary	11	1968-2005	10	9	712	970	1	73.4%
Flamingo Elementary	14	1975-2006	4	0	671	779	1	86.1%
Floranada Elementary	11	1999-1999	2	0	721	814	1	88.6%
Forest Hills Elementary	8	1975-2004	4	0	732	795	1	92.1%
Foster, Stephen Elementary	9	1961-2007	16	7	655	743	1	88.2%
Fox Trail Elementary	25	1997-2004	4	16	1,225	1,304	1	93.9%
Gator Run Elementary	12	1998-2004	3	4	1,291	1,452	1	88.9%
Griffin Elementary	10	1979-1991	4	14	605	687	1	88.1%
Gulfstream Academy of Hallandale Beach	27	2003-2003	22	0	1,565	1,966	1	79.6%
Harbordale Elementary	4	1959-2008	13	10	453	480	1	94.4%
Hawkes Bluff Elementary	12	1990-2006	10	0	884	1,044	1	84.7%
Heron Heights	12	2007-2008	3	1	1,114	996	2	111.8%

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Facility Name	Site Size (Acres)	Age Range	Permanent Buildings	Relocatable Buildings	Current Enrollment (Benchmark Day)	100% Gross FISH (Student Capacity)	LOS (100% of gross FISH)	% of Capacity
Elementary								
Hollywood Central Elementary	7	1992-1995	9	0	450	709	1	63.5%
Hollywood Hills Elementary	12	1959-2007	9	0	818	768	2	106.5%
Hollywood Park Elementary	12	1969-1991	4	2	508	593	1	85.7%
Horizon Elementary	8	1974-2001	6	0	595	699	1	85.1%
Hunt, James Elementary	13	1973-2004	6	10	647	841	1	76.9%
Indian Trace Elementary	12	1990-1990	9	2	728	843	1	86.4%
Lake Forest Elementary	11	1961-2006	11	8	706	928	1	76.1%
Lakeside Elementary	12	1997-2001	3	3	760	798	1	95.2%
Larkdale Elementary	10	1961-2008	16	2	409	659	1	62.1%
Lauderhill, Paul Turner Elementary	11	1995-1995	6	0	693	872	1	79.5%
Liberty Elementary	12	2001-2004	3	1	1,001	1,282	1	78.1%
Lloyd Estates Elementary	8	1968-2008	9	8	568	691	1	82.2%
Manatee Bay Elementary	7	2001-2004	3	10	1,198	1,320	1	90.8%
Maplewood Elementary	11	1980-2004	5	8	743	961	1	77.3%
Margate Elementary	11	1962-2007	19	0	1,034	1,305	1	79.2%
Markham, Robert C Elementary	9	1967-2004	10	4	596	709	1	84.1%
Marshall, Thurgood Elementary	8	1991-2002	6	1	453	803	1	56.4%
McNab Elementary	10	1993-2002	8	0	636	677	1	93.9%
Meadowbrook	15	1958-2009	12	6	713	809	1	88.1%

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Facility Name	Site Size (Acres)	Age Range	Permanent Buildings	Relocatable Buildings	Current Enrollment (Benchmark Day)	100% Gross FISH (Student Capacity)	LOS (100% of gross FISH)	% of Capacity
Elementary								
Miramar Elementary	10	1991-2004	7	1	657	947	1	69.4%
Mirror Lake Elementary	13	1969-2009	8	7	674	791	1	85.2%
Morrow Elementary	10	1976-2008	7	0	533	831	1	64.1%
Nob Hill Elementary	8	1975-2004	3	7	651	857	1	76.0%
Norcrest Elementary	10	1976-2008	11	0	795	921	1	86.3%
North Andrews Gardens Elementary	10	1996-2006	7	6	903	921	1	98.0%
North Fork Elementary	10	1965-2007	10	0	457	713	1	64.1%
North Lauderdale Pre K-8	13	1974-2006	8	0	775	948	1	81.8%
North Side Elementary	5	1927-2001	8	0	439	608	1	72.2%
Nova, Blanche Forman Elementary	10	1965-2003	5	1	771	787	1	98.0%
Nova, Eisenhower D D Elementary	10	1969-2003	8	0	773	777	1	99.5%
Oakland Park Elementary	7	1927-2004	13	0	652	840	1	77.6%
Oakridge Elementary	8	1959-1993	13	6	493	721	1	68.4%
Orange Brook Elementary	9	2006-2006	3	0	688	830	1	82.9%
Oriole Elementary	9	1971-2005	6	2	656	758	1	86.5%
Palm Cove Elementary	12	1992-2008	10	9	654	1,049	1	62.3%
Palmview Elementary	10	1969-2009	6	3	633	711	1	89.0%
Panther Run Elementary	12	1997-1997	2	1	571	800	1	71.4%
Park Lakes	15	2000-2006	4	0	1,066	1,214	1	87.8%

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Facility Name	Site Size (Acres)	Age Range	Permanent Buildings	Relocatable Buildings	Current Enrollment (Benchmark Day)	100% Gross FISH (Student Capacity)	LOS (100% of gross FISH)	% of Capacity
Elementary								
Park Ridge Elementary	10	1972-2008	7	0	580	546	2	106.2%
Park Springs Elementary	12	1990-2004	10	0	958	1,189	1	80.6%
Park Trails Elementary	12	2000-2008	4	0	1,174	1,330	1	88.3%
Parkside Elementary	10	1999-2008	4	2	847	1,016	1	83.4%
Pasadena Lakes Elementary	10	1971-2008	8	0	526	710	1	74.1%
Pembroke Lakes Elementary	8	1976-2007	5	1	677	741	1	91.4%
Pembroke Pines Elementary	9	1965-2008	6	8	589	709	1	83.1%
Perry, Annabel C PreK-8	10	1969-2005	9	8	730	1,063	1	68.7%
Peters Elementary	11	1958-2008	17	12	662	845	1	78.3%
Pines Lakes Elementary	10	1979-2009	7	0	595	927	1	64.2%
Pinewood Elementary	10	1979-2001	5	11	579	1,038	1	55.8%
Plantation Elementary	12	1999-1999	2	0	644	814	1	79.1%
Plantation Park Elementary	10	1967-2002	4	0	571	579	1	98.6%
Pompano Beach Elementary	19	1992-1992	9	2	492	615	1	80.0%
Quiet Waters Elementary	23	1990-2008	12	15	1,282	1,600	1	80.1%
Ramblewood Elementary	10	1977-2004	4	1	837	1,003	1	83.4%
Riverglades Elementary	10	1991-2017	7	0	987	1,109	1	89.0%
Riverland Elementary	10	1991-2008	7	0	554	633	1	87.5%
Riverside Elementary	10	1987-2001	11	3	710	789	1	90.0%
Rock Island Elementary	14	2001-2008	4	0	549	580	1	94.7%
Royal Palm	12	1971-2004	9	7	840	1,012	1	83.0%

PUBLIC SCHOOL FACILITIES ELEMENT

Facility Name	Site Size (Acres)	Age Range	Permanent Buildings	Relocatable Buildings	Current Enrollment (Benchmark Day)	100% Gross FISH (Student Capacity)	LOS (100% of gross FISH)	% of Capacity
Elementary								
Sanders Park Elementary	12	1965-2004	8	5	493	755	1	65.3%
Sandpiper Elementary	14	1989-2006	12	0	564	909	1	62.0%
Sawgrass Elementary	12	1993-2007	8	0	1,118	1,184	1	94.4%
Sea Castle Elementary	12	1990-2004	11	1	888	1,028	1	86.4%
Sheridan Hills Elementary	7	1971-2001	6	0	509	607	1	83.9%
Sheridan Park Elementary	13	1966-2008	7	0	706	810	1	87.2%
Silver Lakes Elementary	12	1997-1997	2	1	450	796	1	56.5%
Silver Palms Elementary	14	1995-2001	3	0	618	816	1	75.7%
Silver Ridge Elementary	13	1989-2008	14	6	1,110	1,002	2	110.8%
Silver Shores Elementary	12	2002-2003	3	0	474	820	1	57.8%
Stirling Elementary	9	1991-2007	7	3	618	767	1	80.6%
Sunland Park Academy	4	1992-1994	3	0	492	480	2	102.5%
Sunset Lakes Elementary	12	2002-2008	4	0	913	1,300	1	70.2%
Sunshine Elementary	9	1964-2002	15	5	606	893	1	67.9%
Tamarac Elementary	8	1974-2004	7	0	801	1,290	1	62.1%
Tedder Elementary	12	1964-2004	14	0	625	1,240	1	50.4%
Tradewinds Elementary	12	1995-2008	4	9	1,295	1,380	1	93.8%
Tropical Elementary	10	1971-2008	6	0	956	932	2	102.6%
Village Elementary	12	1968-2009	13	0	743	870	1	85.4%
Walker Elementary	10	1959-2009	9	0	773	1,017	1	76.0%
Watkins	10	1995-1995	2	0	554	814	1	68.1%

PUBLIC SCHOOL FACILITIES ELEMENT

Facility Name	Site Size (Acres)	Age Range	Permanent Buildings	Relocatable Buildings	Current Enrollment (Benchmark Day)	100% Gross FISH (Student Capacity)	LOS (100% of gross FISH)	% of Capacity
Elementary								
Welleby Elementary	13	1991-2004	6	6	819	915	1	89.5%
West Hollywood Elementary	11	1991-1991	5	5	549	687	1	79.9%
Westchester Elementary	10	1976-2009	10	6	1,188	1,166	2	101.9%
Westwood Heights Elementary	9	1958-2008	12	2	665	819	1	81.2%
Wilton Manors Elementary	8	1995-1998	5	0	614	615	1	99.8%
Winston Park Elementary	12	1990-2004	12	0	1,171	1,191	1	98.3%
Young, Virginia Shuman Elementary	8	1993-1993	8	0	685	687	1	99.7%
Total	1525		1057	406	103,015	123,614		83.3%

Source: School Board of Broward County, 2018

Elementary school locations and attendance zones/concurrency service areas (CSAs) are illustrated in the Appendix. Elementary school enrollment, including prekindergarten, for 2018-19, not including Broward Virtual Elementary, centers charters, or schools without attendance areas is 99,382 students. There are 5 elementary schools with enrollment greater than their which is the adopted LOS standard (i.e. the higher of: 100 % gross capacity or 110% permanent FISH capacity. For the 2018-19 school year, this translates into .003% of elementary schools in Broward County not meeting the LOS.

Middle Schools

There are 37 middle schools in Broward County as of 2018-19 not including Broward Virtual Middle or schools without attendance boundaries. A profile of these schools is shown by **Table 10**.

Table 10: Current Profile - Broward County Middle Schools 2012/13

PUBLIC SCHOOL FACILITIES ELEMENT

Facility Name	Site Size (Acres)	Age Range	Permanent Buildings	Relocatable Buildings	Current Enrollment (Beneficial Days)
Apollo Middle	15	1969-2007	8	16	1
Attucks Middle	24	1960-1997	8	0	1
Bair Middle	10	1975-1993	4	6	1
Coral Springs Middle	19	1975-2005	4	0	1
Crystal Lake Middle	14	1971-2002	3	14	1
Dandy, William Middle	19	1991-1995	19	5	1
Deerfield Beach Middle	32	1960-2003	10	4	1
Driftwood Middle	22	1961-2005	13	4	1
Falcon Cove Middle	21	1999-1999	2	48	2
Forest Glen Middle	20	1990-2004	19	0	1
Glades Middle	20	2006-2008	4	11	1
Indian Ridge Middle	26	1995-2005	5	28	1
Lauderdale Lakes Middle	14	1969-1976	4	17	1
Lauderhill 6-12	22	1969-1995	7	8	1
Lyons Creek Middle	22	1999-2006	3	3	1
Margate Middle	23	1966-2001	9	1	1
McNicol Middle	12	1997-1997	2	0	1
Millennium 6-12 Collegiate Academy	11	2001-2006	4	7	1
New Renaissance Middle	20	2000-2000	4	0	1
New River Middle	18	1995-1995	3	6	1
Nova Middle	14	1962-2008	12	7	1
Olsen Middle	20	1954-1991	28	0	1
Parkway Middle	15	1958-2010	27	0	1
Pines Middle	21	1993-2005	3	0	1
Pioneer Middle	20	1975-1991	5	44	1
Plantation Middle	22	1969-2004	5	0	1
Pompano Beach Middle	12	1964-2008	10	9	1
Ramblewood Middle	17	1976-2005	4	0	1
Rickards, James Middle	13	1968-2004	5	3	1
Sawgrass Springs Middle	20	1995-1998	8	3	1
Seminole Middle	21	1958-2009	5	12	1
Silver Lakes Middle	20	1983-2002	15	0	1
Silver Trail Middle	22	1995-2009	3	22	1
Sunrise Middle	18	1991-1999	15	8	1

PUBLIC SCHOOL FACILITIES ELEMENT

Facility Name	Site Size (Acres)	Age Range	Permanent Buildings	Relocatable Buildings	Current Enrollment (Benchmark Day)
Tequesta Trace Middle	23	1990-2006	19	4	1,100
Westglades Middle	24	2001-2001	4	16	1,100
Westpine Middle	18	1990-2006	19	0	1,100
Young, Walter C Middle	30	1987-2008	17	0	1,100
Total	734		339	306	4,400

Source: School Board of Broward County, 2018

Middle school locations and attendance zones/concurrency service areas (CSAs) are illustrated in the Appendix. Middle school enrollment for 2018-19 is 46,135 students not including Broward Virtual Middle, centers or charters. There are 3 middle schools with enrollment greater than their LOS capacity, which is the adopted LOS standard (i.e. the higher of 100% gross capacity or 110% permanent FISH capacity. For the 2018-19 school year, this translates into 8% of middle schools in Broward County not meeting the LOS.

High Schools

There are 27 public high schools in Broward County as of 2018-19 not including Broward Virtual High or schools without attendance boundaries. A profile of these schools is shown by **Table 11**.

Table 11: Current Profile - Broward County High Schools 2012/13

Facility Name	Site Size (Acres)	Age Range	Permanent Buildings	Relocatable Buildings	Current Enrollment (Benchmark Day)	100% Gross FISH (Student Capacity)	LOS 100% of gross FISH	% of Capacity
Anderson, Boyd High	32	1972-2010	14	0	1,820	2,829	1	65.2%
Atlantic Tech. (Bldg 24)	N/A	2004-2004	N/A	N/A	647	N/A	N/A	N/A
Coconut Creek High	40	1964-2000	15	34	1,659	2,884	1	48.3%
College Academy @	N/A	N/A	N/A	N/A	399	N/A	N/A	N/A

PUBLIC SCHOOL FACILITIES ELEMENT

Facility Name	Site Size (Acres)	Age Range	Permanent Buildings	Relocatable Buildings	Current Enrollment (Benchmark Day)	100% Gross FISH (Student Capacity)	LOS 100% of gross FISH	% of Capacity
BCC								
Cooper City High	30	1971-2009	31	2	2,358	2,315	1	99.3%
Coral Glades High	45	2003-2008	4	0	2,466	2,613	1	95.7%
Coral Springs High	37	1975-2005	9	13	2,845	3,244	1	88.9%
Cypress Bay High	45	2001-2004	8	64	4,674	4,761	1	96.6%
Deerfield Beach High	41	1969-2010	16	22	2,509	2,848	1	86.0%
Dillard High	51	1959-2001	16	0	2,237	2,709	1	86.5%
Ely, Blanche High	39	1952-2010	23	0	2,084	2,786	1	75.7%
Everglades High	45	2002-2010	5	22	2,472	2,980	1	80.0%
Flanagan, Charles W High	45	1995-1995	13	31	2,590	3,034	1	93.4%
Fort Lauderdale High	27	1958-2007	12	0	2,005	2,016	2	106.8%
Hallandale High	28	1976-1976	6	10	1,340	1,821	1	76.4%
Hollywood Hills High	30	1968-2006	7	19	1,990	2,667	1	75.1%
McArthur High	40	1958-2002	32	5	2,228	2,330	1	94.8%
McFatter Technical	N/A	1997-1997	N/A	N/A	610	N/A	N/A	N/A
Miramar High	38	1969-2005	13	8	2,447	2,736	1	96.4%
Monarch High	55	2002-2005	7	10	2,365	2,360	2	101.0%
Northeast High	52	1958-2010	27	3	1,804	2,389	1	78.1%
Nova High	51	1962-2009	23	37	2,194	2,474	1	88.4%
Piper High	30	1971-2007	18	39	2,436	3,479	1	71.8%
Plantation High	35	1963-2009	22	3	2,178	2,680	1	87.5%
Pompano Beach Inst. Int'l Studies	18	1952-2002	14	4	1,205	1,229	1	98.5%
Sheridan Tech. High	N/A	1996-2011	N/A	N/A	568	N/A	N/A	N/A
South Broward High	25	1947-2008	28	0	2,326	2,289	1	92.4%

PUBLIC SCHOOL FACILITIES ELEMENT

Facility Name	Site Size (Acres)	Age Range	Permanent Buildings	Relocatable Buildings	Current Enrollment (Benchmark Day)	100% Gross FISH (Student Capacity)	LOS 100% of gross FISH	% of Capacity
South Plantation High	32	1969-2006	15	7	2,330	2,518	1	94.2%
Stoneman Douglas High	45	1990-2008	14	5	3,321	3,168	1	99.9%
Stranahan High	38	1951-2004	27	2	1,360	2,375	1	60.7%
Taravella, J P High	31	1979-2006	10	17	3,196	3,761	1	84.6%
West Broward High	43	2007-2008	8	0	2,775	2,755	1	98.8%
Western High	40	1979-2009	19	23	3,289	3,754	1	83.5%
Total	1,108		456	380	70,727	82,584		85.6%

Source: School Board of Broward County, 2018

High school locations and attendance zones/concurrency service areas (CSAs) are illustrated in the appendix. High school enrollment for 2018-19 was 64,469 students not including Broward Virtual High, centers or charters, or schools without attendance boundaries. For the 2018-19 school year, there were 2 high schools with enrollment greater than their capacity, which is the adopted LOS standard (i.e. the higher of 100% gross capacity or 110% permanent FISH capacity). This translates to 7% of high schools that do not meet the LOS. Note: Atlantic Technical, McFatter Technical, Sheridan Technical, Nova, College Academy at BC, and Pompano Beach Institute of International Studies are not traditional high schools with attendance boundaries/concurrency service areas, and therefore are not subject to LOS requirements.

Charter Schools

There are 88 charter schools operating in Broward County as of the 2018-19 school year. The profiles of these schools are shown in **Table 12**.

PUBLIC SCHOOL FACILITIES ELEMENT

Table 12: Current Profile-Broward County Charter Schools 2012/2013

Academic Solutions Academy - A 2000 W Commercial Boulevard, Ste 100 Fort Lauderdale, FL 33309	500	143	357	N/A
Academic Solutions High School 4099 N Pine Island Road Sunrise, FL 33351	500	255	245	N/A
Alpha International Academy 121 S 24 Avenue Hollywood, FL 33020	384	82	302	N/A
Andrews High School 3500 N Andrews Avenue Pompano Beach, FL 33064	550	266	284	N/A
Ascend Career Academy 5251 Coconut Creek Parkway Margate, FL 33063	1,000	191	809	N/A
Atlantic Montessori Charter School 9893 Pines Boulevard Pembroke Pines, FL 33024	219	123	96	N/A
Atlantic Montessori Charter School West Campus 2550 S Flamingo Road Davie, FL 33325	150	149	1	N/A
Avant Garde Academy 2025 McKinley Street Hollywood, FL 33020	750	117	633	N/A
Avant Garde K-8 Broward 2025 McKinley Street Hollywood, FL 33020	1,374	1,413	-39	N/A
Ben Gamla Charter 2620 Hollywood Boulevard Hollywood, FL 33020	625	538	87	N/A
Ben Gamla Charter North Campus 2620 Hollywood Boulevard Hollywood, FL 33020	900	115	785	N/A
Ben Gamla Charter South Broward 6511 W Sunrise Boulevard Plantation, FL 33313	900	365	535	N/A

PUBLIC SCHOOL FACILITIES ELEMENT

Ben Gamla Preparatory Charter High School 2650 Van Buren Street Hollywood, FL 33020	400	255	145	N/A
Ben Gamla Preparatory Charter School 2650 Van Buren Street Hollywood, FL 33020	200	217	-17	N/A
Bridge Prep Academy of Broward 7595 NW 61 Street Tamarac, FL 33321	1,000	383	617	N/A
Bridge Prep Academy of Hollywood Hills 1400 N 46 Avenue Hollywood, FL 33021	500	322	178	N/A
Broward Math and Science Schools 6101 NW 31 Street Margate, FL 33063	400	319	81	N/A
Central Charter School 4525 N State Road 7 Lauderdale Lakes, FL 33319	1,293	1,175	118	N/A
Championship Academy of Distinction at Davie 3367 N University Drive Davie, FL 33024	692	587	105	N/A
Championship Academy of Distinction at Hollywood 1100 Hillcrest Drive Hollywood, FL 33021	600	442	158	N/A
Championship Academy of Distinction High School 1100 Hillcrest Drive Hollywood, FL 33021	875	61	814	N/A
Championship Academy of Distinction Middle School 1100 Hillcrest Drive Hollywood, FL 33021	374	261	113	N/A
Championship Academy of Distinction of West Broward 7100 W Oakland Park Boulevard Sunrise, FL 33313	640	219	421	N/A

PUBLIC SCHOOL FACILITIES ELEMENT

Charter School of Excellence 1217 SE 3 Avenue Fort Lauderdale, FL 33316	310	306	4	N/A
Charter School of Excellence @ Davie 2801 N University Drive Pembroke Pines, FL 33024	350	321	29	N/A
City of Pembroke Pines High 17189 Sheridan Street Pembroke Pines, FL 33331	2,144	2,085	59	N/A
City of Pembroke Pines Elementary - West 1680 SW 184 Avenue Pembroke Pines, FL 33029	2,470	1,915	555	N/A
City of Pembroke Pines Middle - West 18500 Pembroke Road Pembroke Pines, FL 33029	1,398	1,318	80	N/A
Coral Springs Charter School 3205 N University Drive Coral Springs, FL 33065	1,600	1,679	-79	N/A
Dolphin Park High 3206 S University Drive Miramar, FL 33025	600	180	420	N/A
Eagles' Nest Charter Academy 3698 NW 15 Street Lauderhill, FL 33311	400	393	7	N/A
Eagles' Nest Middle 201 N University Drive Coral Springs, FL 33071	800	75	725	N/A
Everest Charter School 10044 W McNab Road Tamarac, FL 33321	108	150	-42	N/A
Excelsior Charter of Broward 10066 W McNab Road Tamarac, FL 33321	900	208	692	N/A
Flagler High 1951 W Copans Road Pompano Beach, FL 33604	700	106	594	N/A
Franklin Academy Pembroke Pines 18800 Pines Boulevard	1,750	1,383	367	N/A

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Pembroke Pines, FL 33029				
Franklin Academy - Pembroke Pines High School 5000 SW 207 Terrace Pembroke Pines, FL 33332	1,400	543	857	N/A
Franklin Academy E 6301 Flamingo Road Cooper City, FL 33330	1,340	1,287	53	N/A
Franklin Academy F 5000 SW 207 Terrace Pembroke Pines, FL 33332	1,340	640	700	N/A
Franklin Academy - Sunrise 4500 NW 103 Avenue Sunrise, FL 33351	1,475	1,341	134	N/A
Greentree Preparatory Charter School 6301 SW 160 Avenue Southwest Ranches, FL 33331	162	142	20	N/A
Hollywood Academy of Arts & Science 1705 Van Buren Street Hollywood, FL 33020	1,100	1,060	40	N/A
Hollywood Academy of Arts & Science Middle 1705 Van Buren Street Hollywood, FL 33020	400	429	-29	N/A
Imagine Charter School at Broward 9001 Westview Drive Coral Springs, FL 33067	1,080	836	244	N/A
Imagine Charter School at Weston 2500 Glades Circle Weston, FL 33327	1,075	937	138	N/A
Imagine Elementary School at North Lauderdale 1395 S State Road 7 North Lauderdale, FL 33068	700	638	62	N/A
Imagine Schools - Plantation Campus 8200 Peters Road Plantation, FL 33324	1,340	345	995	N/A

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Innovation Charter School 600 SW 3 Street Pompano Beach, FL 33060	580	386	194	N/A
International School of Broward 3100 N 75 Avenue Hollywood, FL 33024	675	146	529	N/A
Kidz Choice Charter 1800 N Douglas Road Pembroke Pines, FL 33024	750	194	556	N/A
Lauderhill High 4131 NW 16 Street Lauderhill, FL 33313	600	160	440	N/A
Melrose High 2744 W Davie Boulevard Fort Lauderdale, FL 33312	700	158	542	N/A
New Life Charter Academy 3550 Davie Boulevard Fort Lauderdale, FL 33312	600	130	470	N/A
North Broward Academy of Excellence Elementary 8200 SW 17 Street North Lauderdale, FL 33068	763	662	101	N/A
North Broward Academy of Excellence Middle 8200 SW 17 Street North Lauderdale, FL 33068	762	335	427	N/A
North University High 4800 N University Drive Lauderhill, FL 33351	600	183	417	N/A
Panacea Prep Charter School 201 N University Drive Coral Springs, FL 33071	188	144	44	N/A
Paragon Academy of Technology 502 N 28 Avenue Hollywood, FL 33020	500	127	373	N/A
Renaissance Charter School at Cooper City 2800 N Palm Avenue Cooper City, FL 33026	1,504	1,161	343	N/A

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Renaissance Charter Middle School at Pines 10501 Pines Boulevard Pembroke Pines, FL 33026	1,145	396	749	N/A
Renaissance Charter School at University 8399 N University Drive Tamarac, FL 33321	1,504	1,406	98	N/A
Renaissance Charter School of Coral Springs 6250 W Sample Road Coral Springs, FL 33067	1,504	1,465	39	N/A
Renaissance Charter School of Plantation 6701 W Sunrise Boulevard Plantation, FL 33313	1,504	801	703	N/A
Renaissance Charter School at Pines 10501 Pines Boulevard Pembroke Pines, FL 33026	1,145	823	322	N/A
RISE Academy School of Science and Technology 6101 NW 31 Street Margate, FL 33063	300	312	-12	N/A
Somerset Conservatory 20807 Johnson Street Pembroke Pines, FL 33029	200	128	72	N/A
Somerset Academy Charter High School Miramar Campus 9300 Pembroke Road Miramar, FL 33025	1,000	284	716	N/A
Somerset Academy Miramar 12601 Somerset Boulevard Miramar, FL 33027	675	546	129	N/A
Somerset Academy Davie 3788 Davie Road Davie, FL 33314	800	154	646	N/A
Somerset East Preparatory Academy 2000 S State Road 7 Miramar, FL 33023	500	225	275	N/A

PUBLIC SCHOOL FACILITIES ELEMENT

Somerset Academy Elementary 20801 Johnson Street Pembroke Pines, FL 33029	1,001	934	67	N/A
Somerset Academy High 20805 Johnson Street Pembroke Pines, FL 33029	1,200	879	321	N/A
Somerset Academy Hollywood 2000 S State Road 7 Miramar, FL 33023	230	24	206	N/A
Somerset Academy Hollywood Middle School 9300 Pembroke Road Miramar, FL 33025	193	18	175	N/A
Somerset Academy Key Middle School 959 SE 6 Avenue Deerfield Beach, FL 33441	495	380	115	N/A
Somerset Academy Middle 20803 Johnson Street Pembroke Pines, FL 33029	600	747	-147	N/A
Somerset Academy Miramar Middle 12601 Somerset Boulevard Miramar, FL 33027	480	430	50	N/A
Somerset Neighborhood 9300 Pembroke Road Miramar, FL 33025	500	538	-38	N/A
Somerset Academy Pompano 1101 NW 33 Street Pompano Beach, FL 33064	750	160	590	N/A
Somerset Preparatory Academy Charter at North Lauderdale 7101 Kimberly Boulevard North Lauderdale, FL 33068	900	797	103	N/A
Somerset Key High Charter School 959 SE 6 Avenue Deerfield Beach, FL 33441	800	169	631	N/A
Somerset Miramar South 12425 SW 53 Street Miramar, FL 33027	750	181	569	N/A

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Somerset Pines Academy 901 NE 33 Street Pompano Beach, FL 33064	500	417	83	N/A
Somerset Preparatory Charter High at North Lauderdale 7101 Kimberly Boulevard North Lauderdale, FL 33068	1,000	254	746	N/A
Somerset Preparatory Charter Middle 9300 Pembroke Road Miramar, FL 33025	600	334	266	N/A
Somerset Village Academy 225 NW 29 Street Wilton Manors, FL 33311	750	257	493	N/A
Somerset Village Academy Middle 225 NW 29 Street Wilton Manors, FL 33311	750	140	610	N/A
South Broward Montessori Charter School 520 NW 5 Street Hallandale Beach, FL 33009	348	135	213	N/A
SunEd High of North Broward 1117 Banks Road Margate, FL 33063	400	245	155	N/A
SunEd High School 2360 W Oakland Park Boulevard Oakland Park, FL 33311	550	287	263	N/A
Sunrise High School 424 W Sunrise Boulevard Fort Lauderdale, FL 33311	550	337	213	N/A
Sunshine Elementary 502 N 28 Avenue Hollywood, FL 33020	500	302	198	N/A
West Broward Academy 5281 Coconut Creek Parkway Margate, FL 33063	910	487	423	N/A
TOTAL	73,024	45,093	27,931	

Source: Contract Capacity reported by Charter Schools Support

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Charter school locations are illustrated in the Appendix Figure PSF-E. They have a District-wide attendance zone/concurrency service area, which means they are not subject to LOS requirements. Charter school enrollment for 2018-19 was 45,919 students.

3. Projected 5 Year (S/T) School Enrollment, Capacity, LOS & Improvement Costs

Projected 5 Year School Enrollment, Capacity, LOS and Improvement Costs

The analysis of the current and five (5) year projected data of school facilities is compiled in the LOS Plan contained within the Adopted District Educational Facilities Plan. It represents information for the years 2018-19 through 2022-23. The LOS Plan is a matrix that contains the data to demonstrate each elementary, middle and high school's ability to meet the adopted LOS Standard during each DEFP period by calculating the projected enrollment divided by the LOS capacity of the facility. As previously stated on page 8 (Level of Service Standard Methodology), the LOS Standard is the maximum permissible school utilization rate relative to capacity. Based upon the newly adopted Third Amended and Restated ILA LOS Capacity is implemented as the higher of 100% gross capacity or 110% permanent FISH capacity. The LOS Plan therefore shows the projected enrollment for each of the five years covered by the DEFP divided by the LOS Capacity of each school. It should be noted that the LOS Plan contained in the 2018-19 to 2022-23 DEFP still reflects the previous LOS contained in the Second Amended ILA which was 100% gross capacity and commencing in the 2019/20 school year, converted to 110% permanent FISH capacity. This is because the DEFP was published prior to adoption of School Board Policy 1161 to enable implementation of the new LOS.

1. Concurrency Costs – Affected Parties

The costs associated with achieving and maintaining the LOS during the five (5) year period are paid for and shared by public and private

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funding sources. The Revenue and Appropriations Summary within the Adopted DEFP details the primary public and private entities which pay for the capacity improvements. Millage - funds collected through property taxes which are the primary revenue source. Impact/Mitigation Fees are another source collected from developers to address capacity improvement costs.

The cost associated with the capacity additions for those school facilities not currently meeting the LOS are depicted in the Adopted DEFP. The improvement costs are derived from the financially feasible DEFP. There may be additional costs to meet concurrency which are addressed through Proportionate Share Mitigation provisions. These provisions and requirements are outlined in the Second Amended Interlocal Agreement, specifically, Sections 8.14 and 8.15.

Land Area Requirements

There are currently no new schools planned which would require additional land to meet capacity improvements. As such, the Adopted DEFP does not contain information to indicate the number of acres needed per school type or a listing of planned school site acquisitions.

The School Board adopted new "urban school" standards intended to reduce the acreage amounts required to build schools given the diminishing availability of land in Broward County.

Projected 10 Year School Enrollment, Capacity, LOS and Improvement Costs

The long-term planning period for school facilities is ten years. Table PSF-13 below represents capacity needs information for the end of the ten-year period through 2028-29. The data compares the School District's LOS by grade level and Planning Area to the 2028-29 projected student enrollments and the available LOS capacity. The cumulative information presents a total LOS capacity of 269,257, versus a projected enrollment of 212,278 or an excess of 56,959 seats. The cumulative total solely based on permanent capacity is 235,340 with an excess of 23,062 seats.

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4.

Table 13: Projected 10 Year School Facilities by Planning Area and District-Wide

Planning Area	School Type	LOS (110% Perm. Capacity)	Projected Enrollment 2027-28	Surplus or (Deficit) Capacity	Improvement Strategy	Projected Cost	Projected Added Capacity
Area A	Elementary School	16,973	14,844	2,129	None	N/A	N/A
	Middle School	8,199	7,758	442	None	N/A	N/A
	High School	13,186	13,381	(195)	None	N/A	N/A
Area B	Elementary School	21,068	16,893	4,175	None	N/A	N/A
	Middle School	8,869	7,421	1,449	None	N/A	N/A
	High School	10,293	8,822	1,471	None	N/A	N/A
Area C	Elementary School	16,808	13,204	3,604	None	N/A	N/A
	Middle School	8,923	6,692	2,232	None	N/A	N/A
	High School	8,522	5,916	2,606	None	N/A	N/A
Area D	Elementary School	18,776	17,200	1,576	None	N/A	N/A
	Middle School	7,552	7,225	327	None	N/A	N/A
	High School	12,602	12,487	114	None	N/A	N/A
Area E	Elementary School	13,340	9,810	3,529	None	N/A	N/A
	Middle School	5,292	4,490	802	None	N/A	N/A
	High School	7,810	5,262	2,548	None	N/A	N/A

PUBLIC SCHOOL FACILITIES ELEMENT

Planning Area	School Type	LOS (110% Perm. Capacity)	Projected Enrollment 2027-28	Surplus or (Deficit) Capacity	Improvement Strategy	Projected Cost	Projected Added Capacity
Area F	Elementary School	20,059	14,702	5,357	None	N/A	N/A
	Middle School	9,991	8,776	1,215	None	N/A	N/A
	High School	13,582	11,903	1,678	None	N/A	N/A
Area G	Elementary School	17,041	13,732	3,309	None	N/A	N/A
	Middle School	7,223	4,527	2,696	None	N/A	N/A
	High School	9,182	7,884	1,298	None	N/A	N/A
District-Wide	Elementary School	124,064	100,386	23,678	None	N/A	N/A
	Middle School	56,049	46,888	9,162	None	N/A	N/A
	High School	75,175	65,655	9,520	None	N/A	N/A
Total		255,289	212,929	42,360		\$0	N/A

Source: School Board of Broward County, 2018.

Based on LOS capacity, there are no planning areas where there is projected to be a deficit of seats.

5. Collocation of School Facilities

The collocation of public school facilities with local government public/civic facilities, is used in the context of this analysis as public facilities collocated or located adjacent to each other, and used by both the School Board and local governments through the use of a Master Lease Agreement. Shared use facilities are facilities that are not located adjacent to each other, are owned by either the School Board or the local government, but shared by both parties through mutual agreement or understanding. Article IX of the Second Amended Interlocal Agreement for Public School Facility Planning includes a

PUBLIC SCHOOL FACILITIES ELEMENT

process to ensure that the opportunity for collocation is maximized to the greatest extent possible.

6. Emergency Shelters

New educational facilities located outside the Hurricane Evacuation Zones (Plan A or B) as shown on the Broward County Hurricane Evacuation Map (ND-1) are required to have core facility areas designed as Enhanced Hurricane Protection Areas unless the facility is exempted based on a recommendation by the local emergency management agency or the Department of Community Affairs. Certain factors are considered to qualify for the exemption, such as low evacuation demand, size, location, accessibility and storm surge. For example, if the County has adequate shelter capacity, a school may be exempt. Table PSF-14 is an inventory of schools within Broward County that serve as general population emergency shelters. **Three of the general population shelters are also designated as pet friendly shelters.** Additionally, there are five (5) additional schools within Broward County designated as "Special Needs Shelters". Since these shelters are not publicly advertised by Broward County, they are not included on the inventory of schools shelter listing. **Map 16 -9 depicts the location of the emergency shelters.**

Table 14: List of Emergency Shelters

SCHOOL NAME	ADDRESS
Arthur Ashe Adult Center	1701 NW 23rd Avenue, Ft. Lauderdale 33311
Beachside Montessori Village	2230 Lincoln Street, Hollywood, FL 33020
Coconut Palm Elementary	13601 Monarch Lakes Blvd., Miramar 33027
Coral Cove Elementary	5100 SW 148th Avenue, Miramar 33027
Coral Glades High	2700 Sportsplex Drive., Coral Springs 33065
Dolphin Bay Elementary	16450 Miramar Parkway, Miramar, FL 33027
Everglades Elementary	2900 Bonaventure Blvd., Weston 33331
Everglades High	17100 SW 48th Court, Miramar 33027
Falcon Cove Middle	4251 Bonaventure Blvd., Weston 33332
Fox Trail Elementary	1250 Nob Hill Road, Davie 33324
Gator Run Elementary	1101 Arvida Parkway, Weston 33327
Indian Ridge Middle	1355 Nob Hill Road, Davie 33324
Lakeside Elementary	900 NW 136th Avenue, Pembroke Pines 33028

PUBLIC SCHOOL FACILITIES ELEMENT

SCHOOL NAME	ADDRESS
Liberty Elementary	2450 Banks Road, Margate 33063
Lyons Creek Middle	4333 Sol Press Blvd., Coconut Creek 33073
Manatee Bay Elementary	19200 SW 36th Street, Weston 33332
McNicol Middle	1602 South 27th Avenue, Hollywood 33020
Monarch High	5050 Wiles Road, Coconut Creek 33073
New Renaissance Middle	10701 Miramar Blvd., Miramar 33027
New River Middle	3100 Riverland Road, Ft. Lauderdale 33312
Orange Brook Elementary	715 S. 46 Avenue, Hollywood 33021
Panther Run Elementary	801 NW 172nd Avenue, Pembroke Pines 33029
Park Lakes Elementary	3925 N. State Road 7, Lauderdale Lakes 33319
Park Trails Elementary	10700 Trails End, Parkland 33076
Parkside Elementary	10257 NW 29th Street, Coral Springs 33065
Pines Middle	200 N. Douglas Road, Pembroke Pines 33024
Plantation Elementary	651 NW 42nd Avenue, Plantation 33317
Pompano Beach High	600 NE 13th Avenue, Pompano Beach 33060
Sheridan Technical High	3775 SW 16th Street, Ft. Lauderdale 33312
Silver Lakes Elementary	2300 SW 173rd Avenue, Miramar 33029
Silver Palms Elementary	1209 NW 155th Avenue, Pembroke Pines 33028
Silver Shores Elementary	1701 SW 160th Avenue, Miramar 33027
Sunset Lakes Elementary	18400 SW 25th Street, Miramar 33029
Tradewinds Elementary	5400 Johnson Road, Coconut Creek 33073
Watkins Elementary	3520 SW 52nd Avenue, Pembroke Park 33023
West Broward High	500 NW 209 Avenue, Pembroke Pines 33029
Westglades Middle	11000 Holmberg Road, Parkland, FL 33076
Hallandale Elementary	900 8th Street, Hallandale Beach, FL 33309

Source: Broward County Emergency Management Division, May 2018

7. Funding Sources for Capital Improvements

The School Board of Broward County has total projected revenue, and financing sources of \$2.8 billion for public school capital improvements for the 5-year period ending 2022-23 as depicted in the Revenue and Appropriations Summary of the Adopted DEFP. The major sources of revenues are millage, which is collected from local property taxes, and a voter approved general obligation bond. They comprise 88% of total revenues. The primary appropriations are for construction programs, debt service, and renovation of district facilities, which comprise 85% of total appropriations.

PUBLIC SCHOOL FACILITIES ELEMENT

The projected capital outlays, by school facility for the 5-year period are depicted in the 5-Year Adopted DEFP.

Operating Cost Considerations: There are just under 1,000 school buses used by Broward District Schools on daily routes, transporting more than 73,000 students to and from school, and driving more than 16 million miles to 234 locations.

PUBLIC SCHOOL FACILITIES ELEMENT

Attachment A

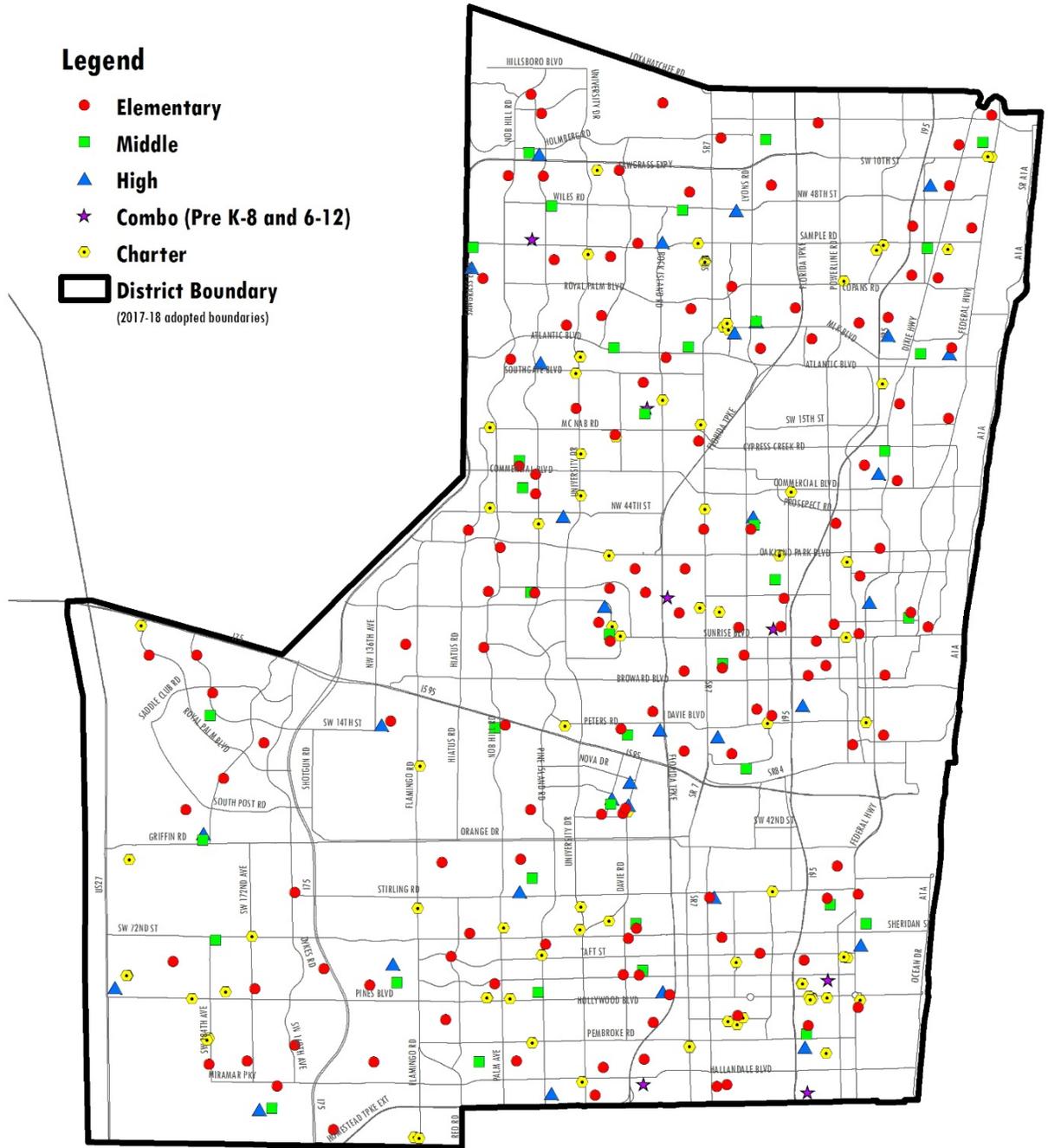
PUBLIC SCHOOL FACILITIES ELEMENT

EXISTING PUBLIC SCHOOL FACILITIES - 2017

FIG. PSF-A

Legend

- Elementary
- Middle
- ▲ High
- ★ Combo (Pre K-8 and 6-12)
- Charter
- District Boundary
(2017-18 adopted boundaries)



SOURCE: BROWARD COUNTY PUBLIC SCHOOLS

This map is for conceptual purposes only and is not intended for legal boundary determinations.



0 5 Miles



Prepared By:
Planning and Development Management Division
Environmental Protection & Growth Management Department

#14189 aldietz 1-4-2018

City of Broward County

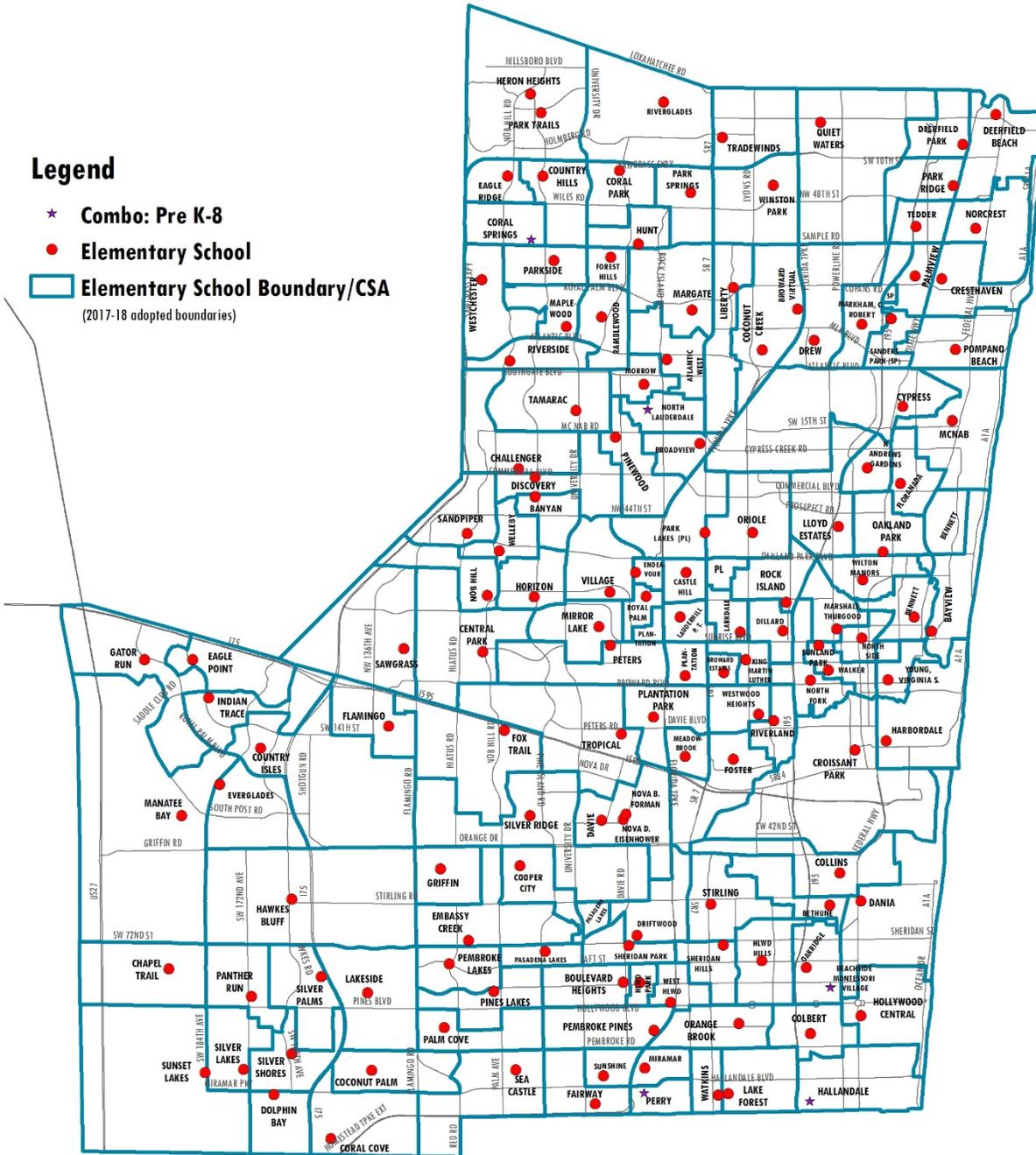
PUBLIC SCHOOL FACILITIES ELEMENT

FUTURE CONDITIONS - ELEMENTARY SCHOOLS FIVE YEAR PLAN (2017-2022)

FIG. PSF-B

Legend

- ★ Combo: Pre K-K
- Elementary School
- Elementary School Boundary/CSA
(2017-18 adopted boundaries)



SOURCE: BROWARD COUNTY PUBLIC SCHOOLS

This map is for conceptual purposes only and is not intended for legal boundary determinations.



0 5 Miles

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Environmental Protection & Growth Management Department

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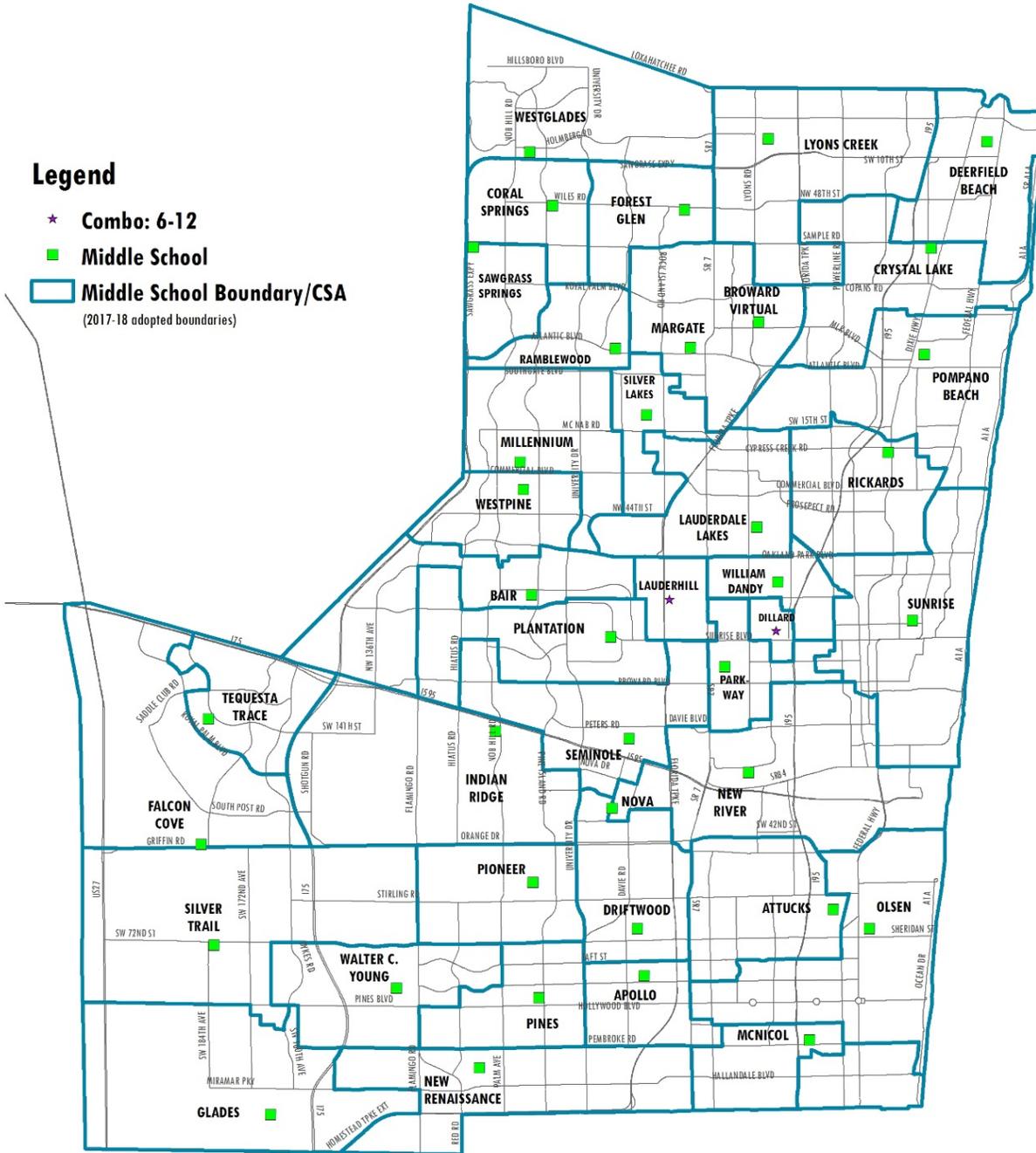
PUBLIC SCHOOL FACILITIES ELEMENT

FUTURE CONDITIONS - MIDDLE SCHOOLS FIVE YEAR PLAN (2017-2022)

FIG. PSF-C

Legend

- ★ Combo: 6-12
- Middle School
- Middle School Boundary/CSA
(2017-18 adopted boundaries)



SOURCE: BROWARD COUNTY PUBLIC SCHOOLS

This map is for conceptual purposes only and is not intended for legal boundary determinations.



0 5 Miles



Prepared By:
Planning and Development Management Division
Environmental Protection & Growth Management Department

#14183 aldietz 1-4-2018

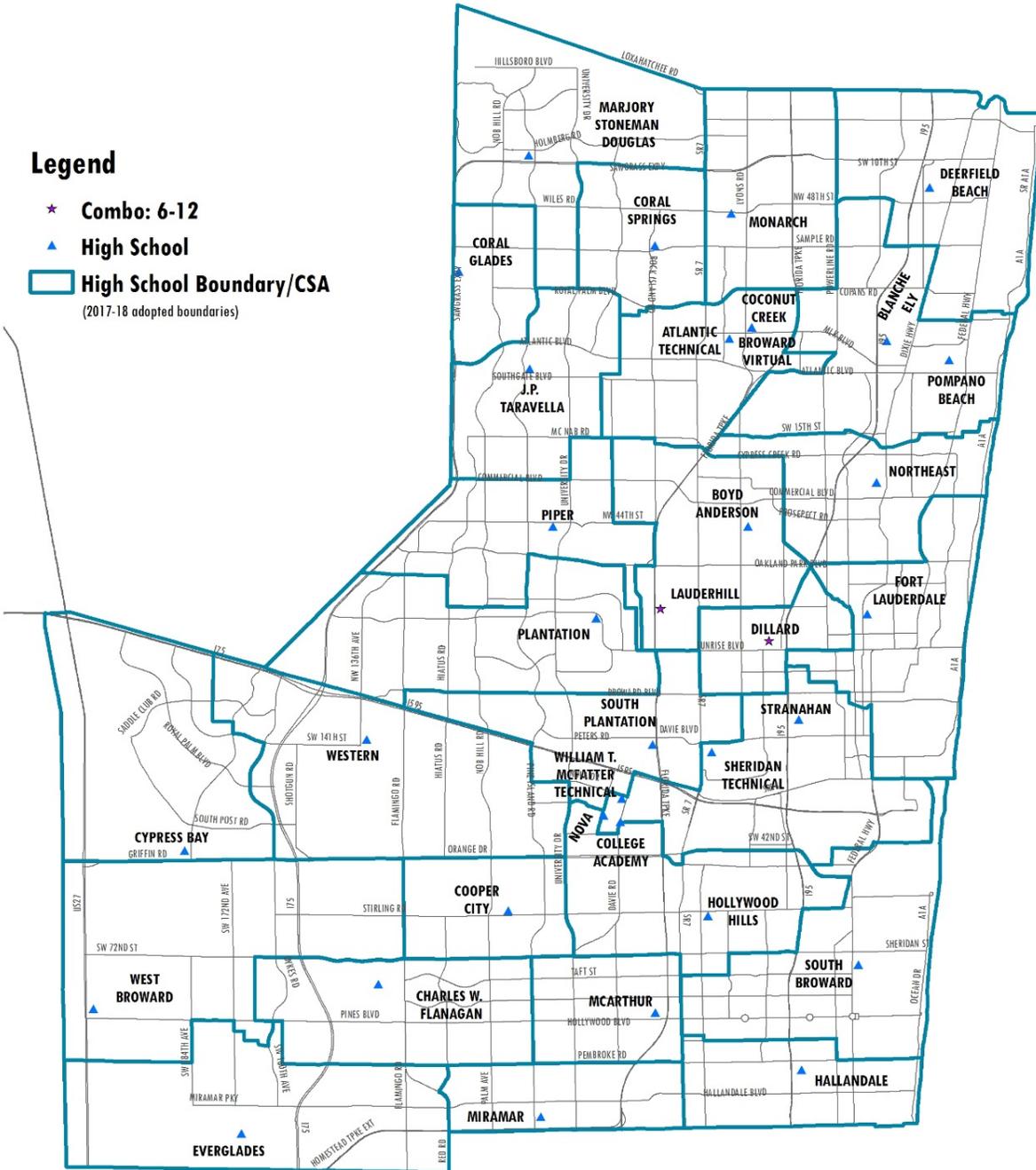
PUBLIC SCHOOL FACILITIES ELEMENT

FUTURE CONDITIONS - HIGH SCHOOLS FIVE YEAR PLAN (2017-2022)

FIG. PSF-D

Legend

- ★ Combo: 6-12
- ▲ High School
- High School Boundary/CSA
(2017-18 adopted boundaries)



SOURCE: BROWARD COUNTY PUBLIC SCHOOLS

This map is for conceptual purposes only and is not intended for legal boundary determinations.



0 5 Miles



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Planning and Development Management Division
Environmental Protection & Growth Management Department

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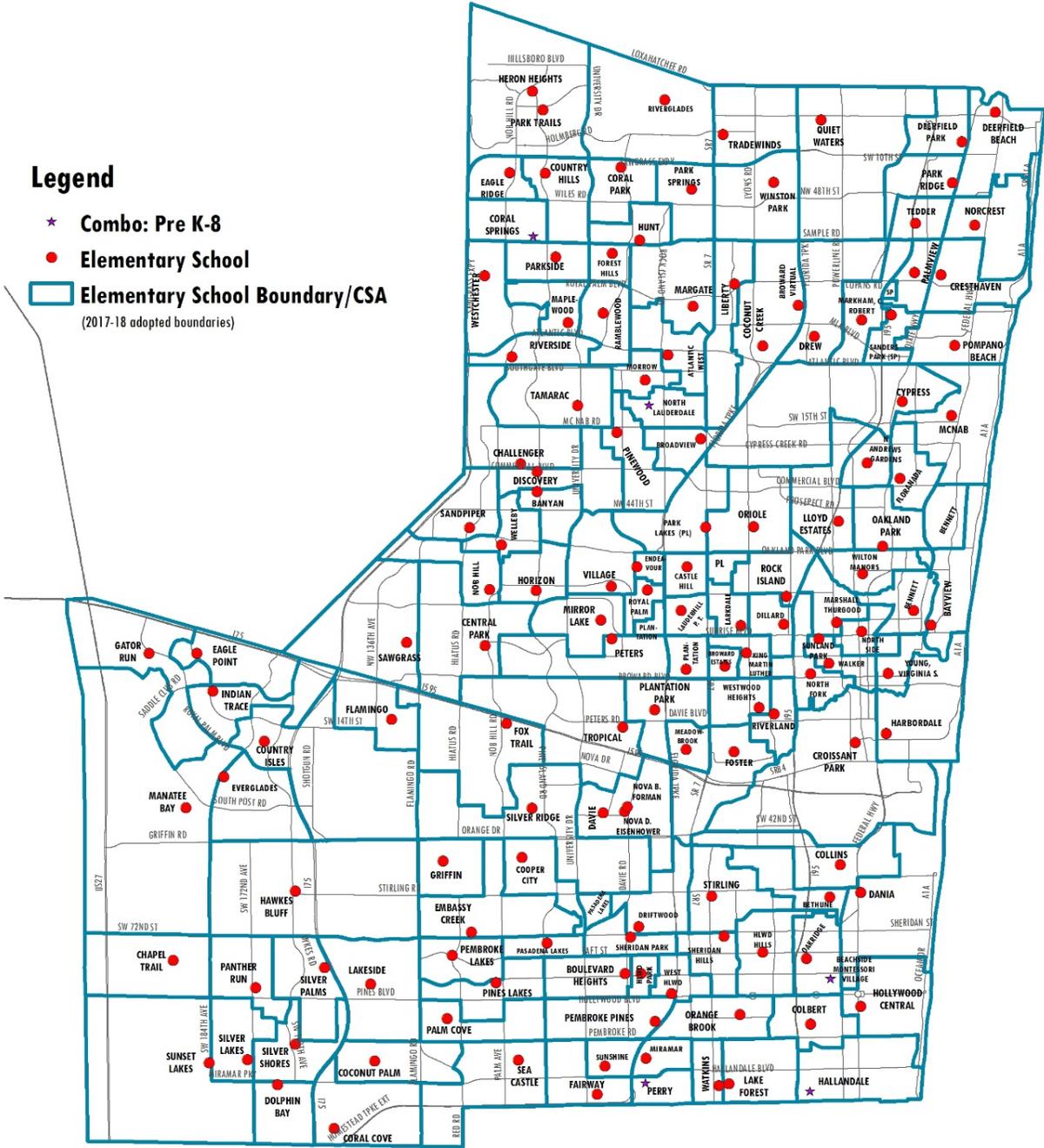
PUBLIC SCHOOL FACILITIES ELEMENT

FUTURE CONDITIONS - ELEMENTARY SCHOOLS TEN YEAR PLAN (2017-2027)

FIG. PSF-F

Legend

- ★ Combo: Pre K-8
- Elementary School
- Elementary School Boundary/CSA
(2017-18 adopted boundaries)



SOURCE: BROWARD COUNTY PUBLIC SCHOOLS

This map is for conceptual purposes only and is not intended for legal boundary determinations.



0 5 Miles



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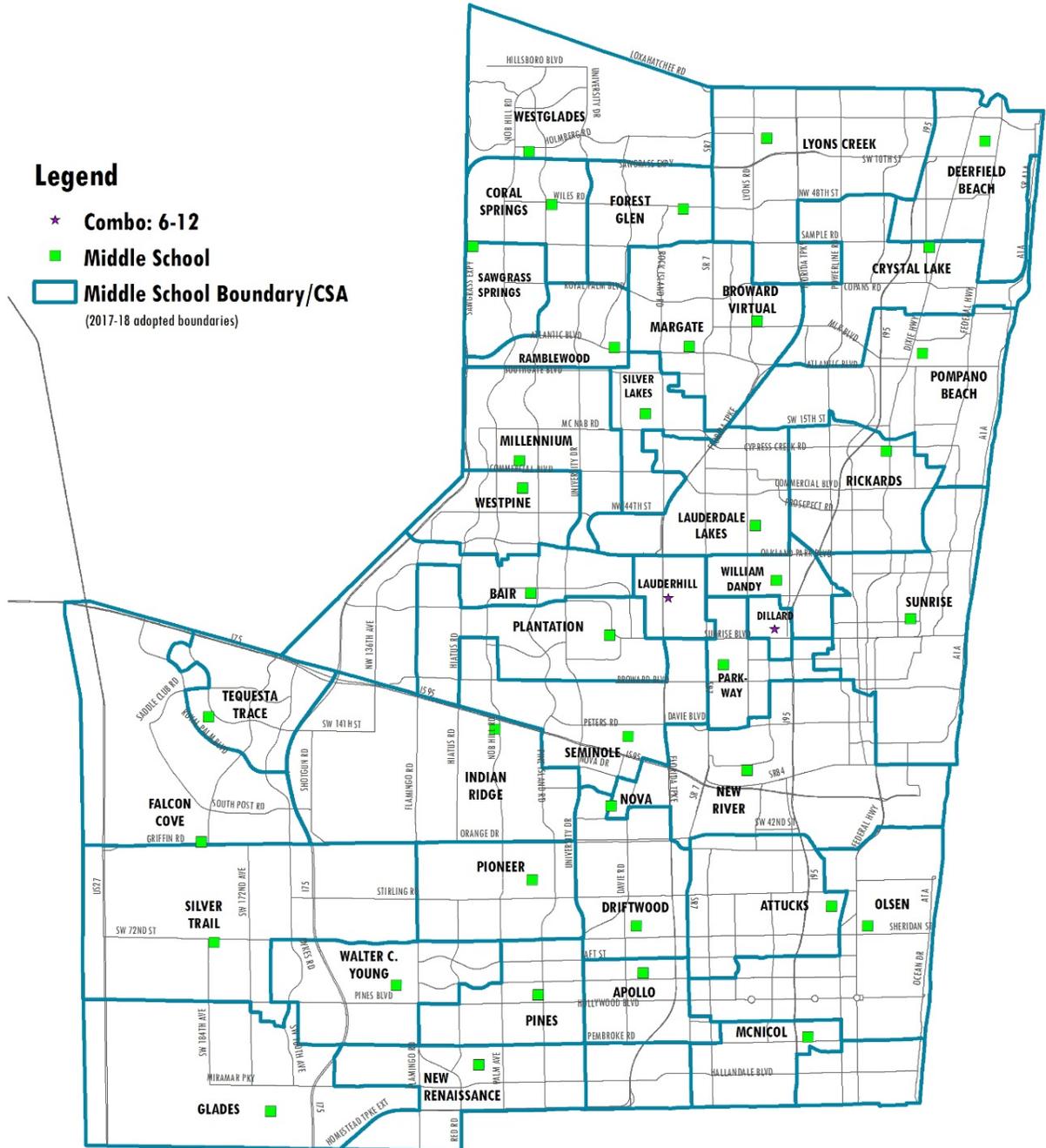
PUBLIC SCHOOL FACILITIES ELEMENT

FUTURE CONDITIONS - MIDDLE SCHOOLS TEN YEAR PLAN (2017-2027)

FIG. PSF-G

Legend

- ★ Combo: 6-12
- Middle School
- Middle School Boundary/CSA
(2017-18 adopted boundaries)



SOURCE: BROWARD COUNTY PUBLIC SCHOOLS

This map is for conceptual purposes only and is not intended for legal boundary determinations.



0 5 Miles



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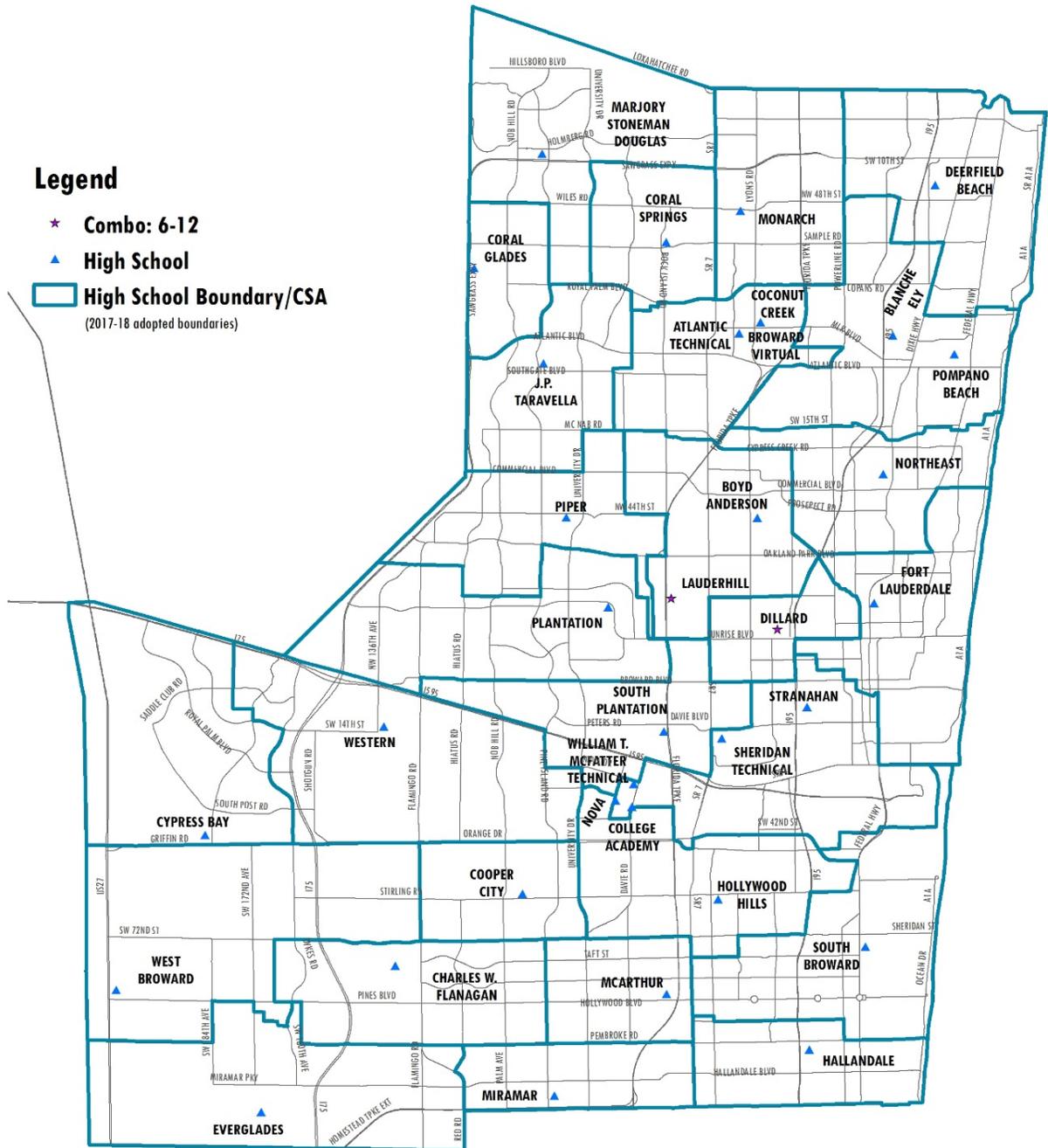
PUBLIC SCHOOL FACILITIES ELEMENT

FUTURE CONDITIONS - HIGH SCHOOLS TEN YEAR PLAN (2017-2027)

FIG. PSF-H

Legend

- ★ Combo: 6-12
- ▲ High School
- High School Boundary/CSA
(2017-18 adopted boundaries)



SOURCE: BROWARD COUNTY PUBLIC SCHOOLS

This map is for conceptual purposes only and is not intended for legal boundary determinations.



0 5 Miles

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Planning and Development Management Division
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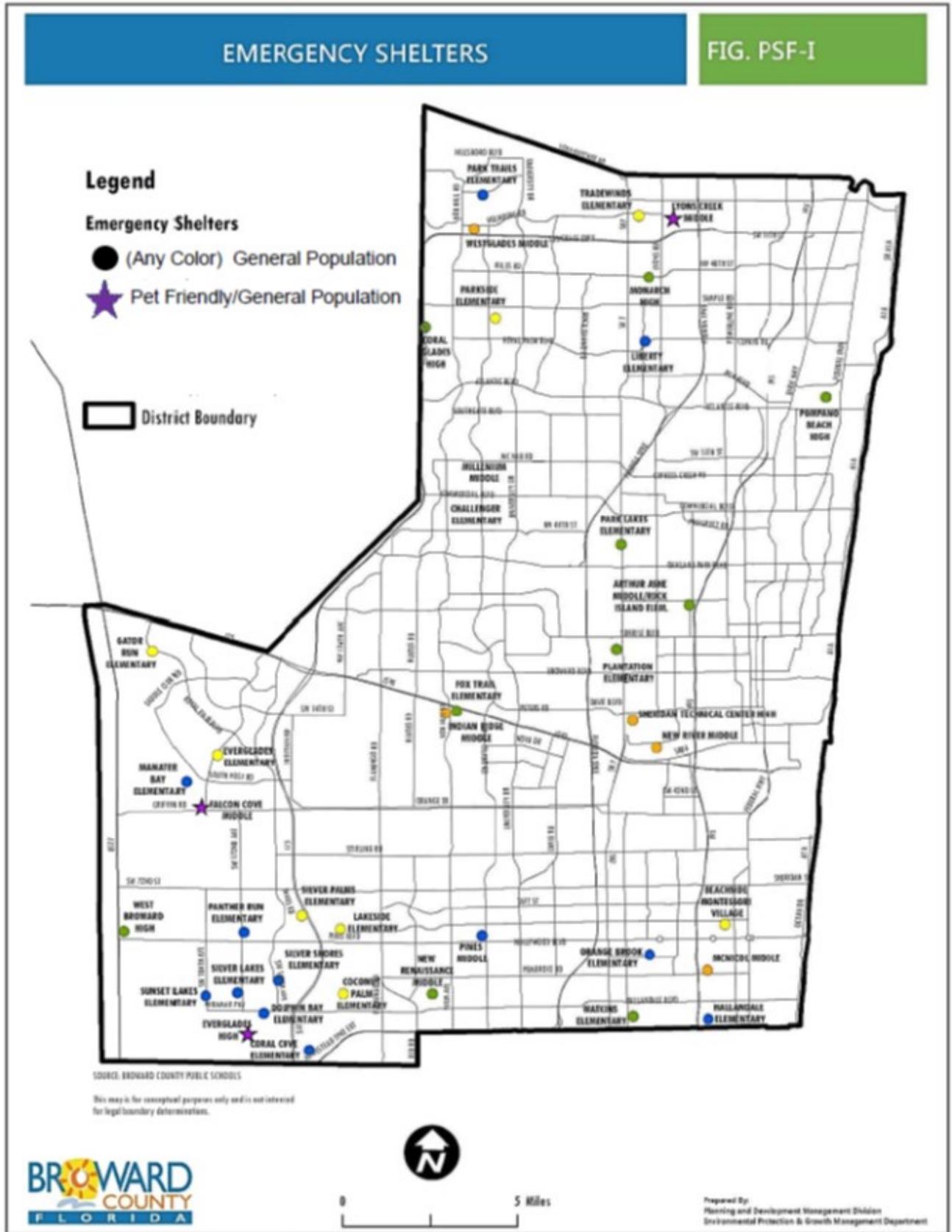
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PUBLIC SCHOOL FACILITIES ELEMENT

Appendix PSF-I

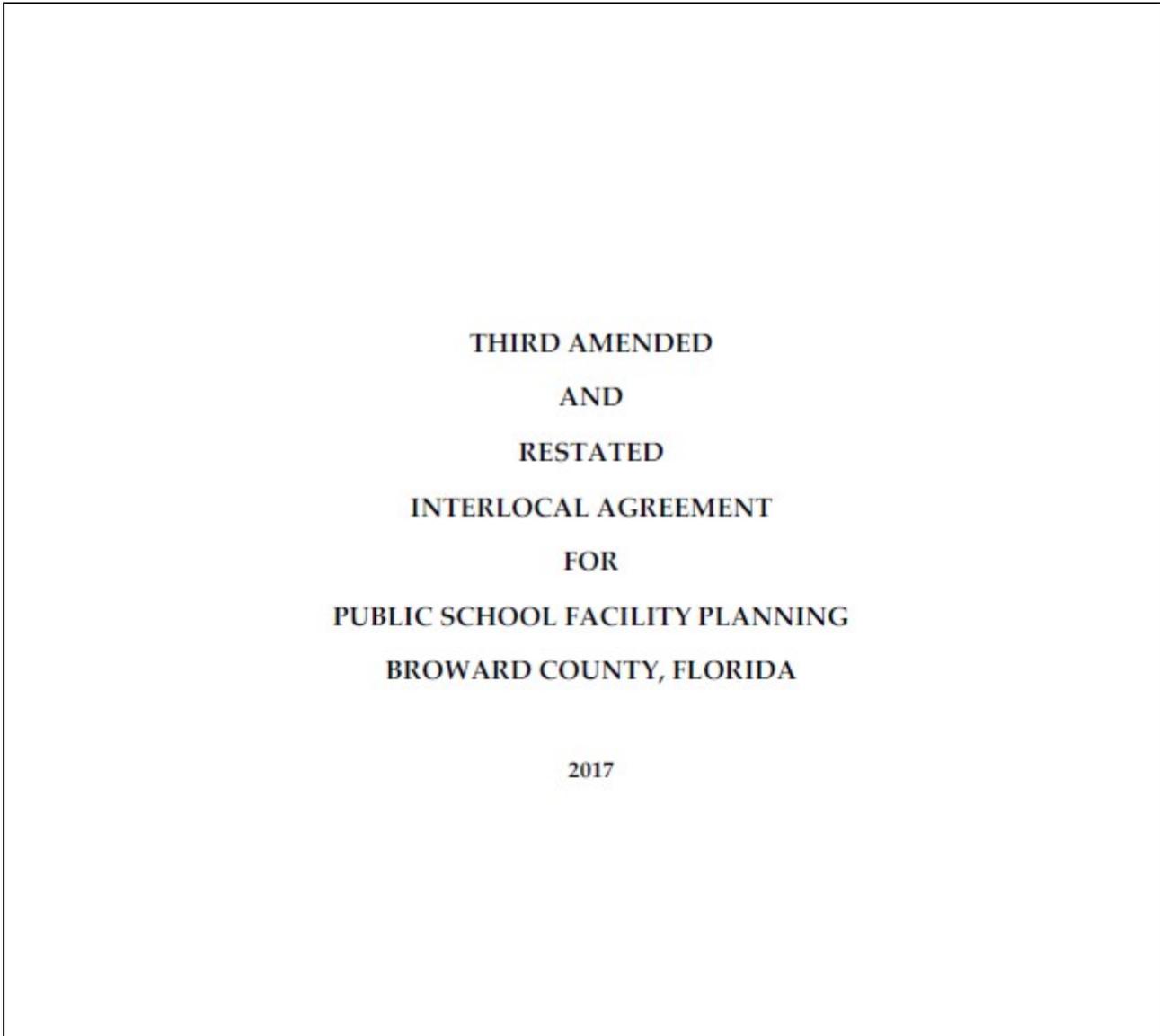
PUBLIC SCHOOL FACILITIES ELEMENT



PUBLIC SCHOOL FACILITIES ELEMENT

Appendix PSF-J

Third Amended and Restated Interlocal Agreement for Public School Facility



Planning, Broward County, Florida, 2017

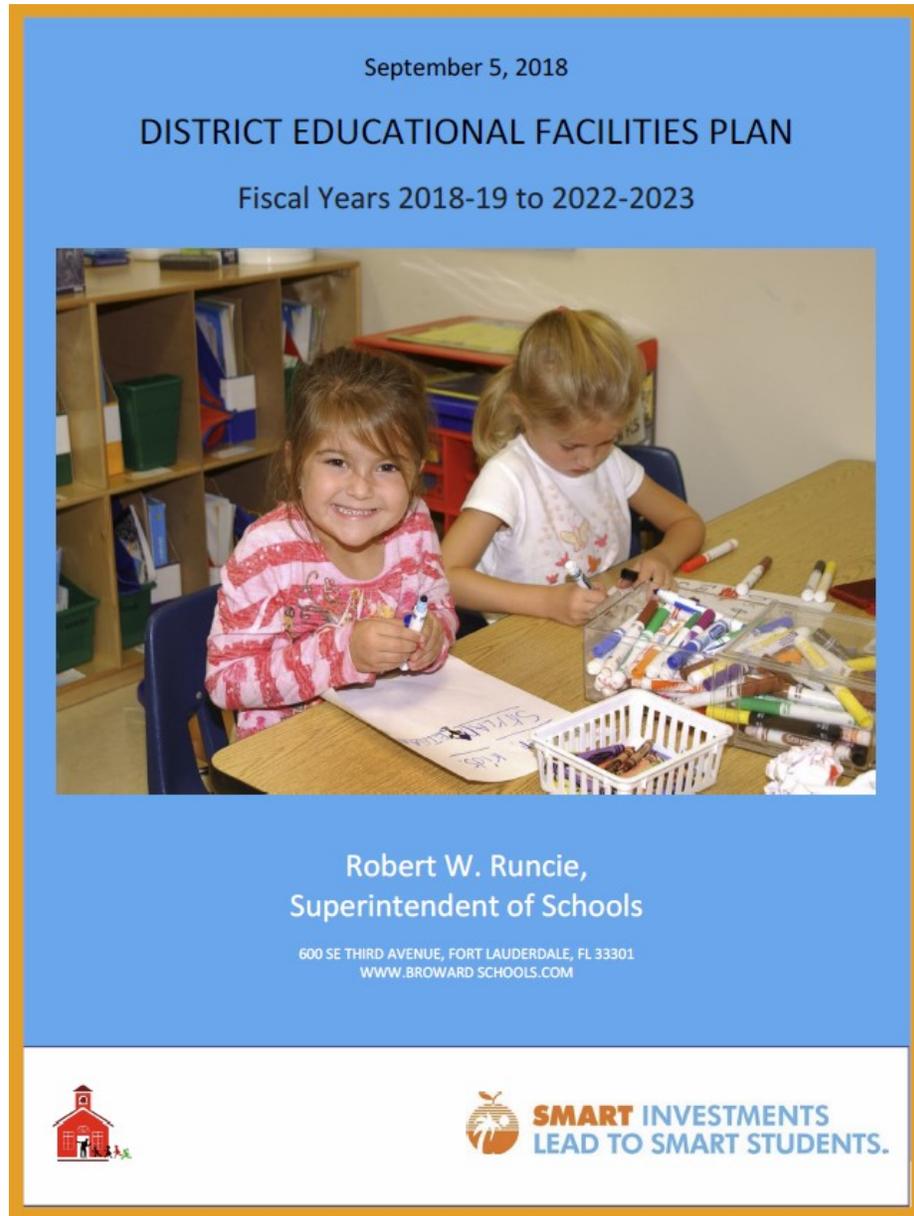
Appendix J can be found on the Broward County Public Schools web page by clicking the image above or clicking the hyperlink below at:

[http://bcpsagenda.browardschools.com/agenda/01303/Item%20L-17%20\(36645\)/SUPPDOCS/Exhibits/Doc4.pdf](http://bcpsagenda.browardschools.com/agenda/01303/Item%20L-17%20(36645)/SUPPDOCS/Exhibits/Doc4.pdf)

PUBLIC SCHOOL FACILITIES ELEMENT

Appendix PSF-K

Adopted 5 Year Broward County Public Schools District Educational Facilities Plan (DEFP) Fiscal Years 2018-19 2022-2023



Appendix K can be found on the Broward County Public Schools web page by clicking the image above or clicking the hyperlink below at:

<http://www.bcpssa.deff-fy19>

**Educational Plant Five Year (2015-2020) Survey Report: Broward County
School District, Number 4 – Version 1**

City of Pembroke Pines

Public School Facilities Element

Support Document

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PUBLIC SCHOOL FACILITIES ELEMENT

Appendix L can be found on the Broward County Public Schools, Facility Planning and Real Estate Department web page by clicking the hyperlink below at:

<http://www.broward.k12.fl.us/propertymgmt/new/facilityplanning/docs.html>