

## Ten and Twenty Year Plan

### Fiscal Years 2016-17 to 2025-2026

Florida Statutes require that the District provide a 10 year and 20 year plan that identifies schools to meet anticipated student projections. The projects listed below were in the adopted District Educational Facilities Plan 2008-2009 through 2012-2013. However, economic conditions forced the District to delay these projects. As the economic conditions improve and construction revenues become available, these projects will be a priority to be restored. The future economic and demographic environment will be considered to determine if projects remain both feasible and necessary. Many of the projects in this list are considered minor capital outlay projects (e.g. air conditioning system replacements) and may be completed on an emergency basis. A review of the existing school conditions and project need will be conducted before any project budgets are restored from this list. Consideration will be given to these projects that have been delayed before new projects will be funded.

Location	Project Description	Scope
Anderson, Boyd H. High	Media Center	Construct a new media center building. Install covered walkways in front and west side of the school to protect student pick up area and reconfigure/increase staff parking.
Anderson, Boyd H. High	Storage Building	Storage Building
Anderson, Boyd H. High	Field Renovation	Renovate Entire Football Field , Install New Bermuda Sod.
Anderson, Boyd H. High	HVAC	Replace York air cooled units and replace two 400 ton McQuay water cooled chillers.
Anderson, Boyd H. High	Lighting	Install security lighting throughout campus.
Anderson, Boyd H. High	Replace old square-D Panels	Replace old square-D Panels. Replace electrical panels in Building 1,2
Anderson, Boyd H. High	Replace outdated Switchgear	Replace outdated Switchgear
Anderson, Boyd H. High	Roof	Full replacement of all the buildings roof.
Apollo Middle	Electrical	Upgrade Electrical Panels And Feeds Throughout Facility.
Apollo Middle	Ceiling Tile	Replace ceiling tile throughout school
Apollo Middle	Kitchen/Cafeteria Replacement Feasibility	Master Plan and feasibility study for Kitchen/Cafeteria Replacement
Apollo Middle	Kitchen/Cafeteria	Kitchen/Cafeteria Expansion
Apollo Middle	ADA	Home Economics Kitchen Station ADA Retrofitting
Apollo Middle	ADA	ADA Science Lab Stations
Apollo Middle	Generator	Replace Emergency Generator, and related electric. Replace Main Distribution Panel, Upgrade/replace Electrical Panels and feeds Throughout Facility.
Apollo Middle	Locker Rooms	Remodel boys locker room
Atlantic Technical Center	Entrance Canopy	Replace Entrance Canopy due to Safety Concerns

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Location	Project Description	Scope
Atlantic Technical Center	Cafeteria/Kitchen	Remodel Cold Storage to classroom area.
Atlantic Technical Center	Remodel/Renovate Media Center	Construct a new 2 story 16,500gsf Media Center to include reading room, technical processing area, equipment storage, closed circuit TV/distance learning lab, conference room, a network special and media specialist office/workroom, staff and student restrooms; provide Beacon tower. Replace parking as necessary. Install Beacon Tower. Remodel and expand building 17 FISH 295 (3250sf) into an 11,985sf Automotive Service Technology Suite to include 1 Large Industrial Lab. 2 Medium Industrial Labs, 1 related classroom, material, tool, project and flammable storage and an outside covered work area.
Atlantic Technical Center	Storage Building	Construct new flammable storage building for storage of lawnmowers, pressure cleaners, golf carts, fertilizer and other miscellaneous items. 2000 SF needed.
Atlantic West Elementary	Chiller	Motor control center for the chiller plant.
Atlantic West Elementary	Classroom Addition	4 Classroom Addition. Subject to comprehensive boundary review, Plant Survey approval and agreement with City for available land.
Atlantic West Elementary	HVAC	Replace old chiller control panel
Atlantic West Elementary	INFRASTRUCTURE	Install Automated Irrigation system For Old Outdated Manual system. Grade Fill And Sod Areas As Needed.
Attucks Middle	ADA	Home Economics Kitchen Station ADA Retrofitting
Attucks Middle	Install EMS for humidity & temp. controls	Install EMS for humidity & temp. controls
Attucks Middle	Intercom	Upgrade and replace the Telecenter IV intercom system and wiring.
Attucks Middle	Lighting	Replace all poles for security lighting throughout campus.
Attucks Middle	Remodeling and Renovations	Renovate restroom and Locker Rooms to include ADA compliance; Renovate Broadcast Area; Renovate finishes and furnishings in Teacher Planning, Replace seating in Auditorium and renovate finishes. Remodel exterior Garden area; install Sound system in Gymnasium; Upgrade lighting in selected classrooms; Install Washer/Dryer in Kitchen; construct concrete pads and batting cages at Athletic fields, construct softball and baseball bleachers; Provide curb cuts and signage as required. Install/replace 2" backflow preventers on domestic water lines; install fence around units
Bair Middle	ADA	Home Economics Kitchen Station ADA Retrofitting
Bair Middle	ADA	ADA Science Lab Stations
Bair Middle	Fire Alarm	Upgrade fire alarm system (Simplex 4002 not supported by manufacture).
Bair Middle	Generator	Upgrade existing Emergency Generator & related elec. (80kw min.) & Switch Gear

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Location	Project Description	Scope
Bair Middle	HVAC	Replace Dunham Bush water cooled Chiller and Digital Controls.
Bair Middle	New Relocatables	2 new modulars
Bair Middle	Roof	Re-roof Bldg. 1 & 3. Bldg. 2 is already scheduled to be re-roofed.
Banyan Elementary	Capital Improvements	Replace 140 ton McQuay water cooled chiller
Banyan Elementary	Generator	Upgrade existing Emergency Generator & related elec. (60kw min.)
Banyan Elementary	HVAC	Install new direct digital controls in chiller plant for energy conservation.(install after new chillers)
Banyan Elementary	Storage Building	Install storage shed
Bayview Elementary	INFRASTRUCTURE	Install Automated Irrigation system For Complete North Side Of Campus.
Bayview Elementary	Seawall	Install Riprap Seawall for shoreline stabilization
Bennett Elementary	Concurrent Replacement	Concurrent Replacement-Construct a facility to include: administration/student services spaces, Media Center with related spaces, a music Suite with related spaces, an art lab with related spaces, 2 4-classroom ESE suites, 8 Primary classrooms, 2 Skills Labs, Resource rooms, Textbook Storage, Custodial Spaces, Student, Staff and Public Restrooms, and covered PE play area, playgrounds and Play courts. Demolish buildings 1-8, and 10.
Bennett Elementary	Health & Safety	Provide Fire Sprinkler Protection
Bethune, Mary M. Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Bethune, Mary M. Elementary	HVAC	Replace Trane DX condensing unit and air handler for the media center. 15 ton 450 volts 3 phase.
Blanche Ely High	Capital Improvements	Replace 2 chill water pumps in science & auditorium
Blanche Ely High	Generator	Upgrade existing Emerg. Generator & related Elec. (125KW min.)

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Location	Project Description	Scope
Blanche Ely High	Replacement	Phase 1- Construct a 2-story Administration/Media Center building of 57,624 GSF to include: Administration and related spaces, a Media Center with related spaces, a 2-Art Lab Suite with related spaces, a TV Production Lab with related spaces, a Family and Consumer Sciences Child Development Lab with related spaces, Custodial Spaces, and Student, Staff, and Public Restrooms, Phase 2-Remodel building 1 25,467 SF into a Music Suite, a JROTC Suite, a Family & Consumer Science Interior Design Lab, a Technology Studies Lab, an Administration Suite, Custodial Spaces, Student, and Staff, and Public Restrooms, Demolish buildings 3-12 Phase 3-Construct a 37,416 GSF PE Facility to include: 2 Resource Rooms, Male and Female Locker Rooms with related spaces, a Laundry and Towel Distribution, Multipurpose Gymnasium, Weight Room, Training/First Aid room, Gymnastics/Dance Studio, Teacher Planning, Administration, Custodial Spaces, and Student, Staff, and Public Restrooms, Demolish buildings 2, 13 Construct JROTC Parade Ground
Blanche Ely High	Reroof Facility	Reroof Facility
Blanche Ely High	Restrooms	Renovate 2 restrooms in Gymnasium, renovate Concession Stand and Ticket Booth, install lift
Boulevard Heights Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Boulevard Heights Elementary	HVAC	Replace 11 air handlers. Replace chilled water valves and controls.
Boulevard Heights Elementary	HVAC	Replace 18 ventilator units
Boulevard Heights Elementary	Playground	Remove & Replace kindergarten Playground
Bright Horizons School	Fire Alarm/Sprinkler	Fire Alarm/Sprinkler
Bright Horizons School	HVAC	Replace 2 air cooled chillers
Bright Horizons School	HVAC	Replace 3 pumps for chillers.
Bright Horizons School	Remodeling/Renovation	Redesign entrance and add parking (25 spaces) include drainage, striping, signage, lighting, covered walkway and fencing
Bright Horizons School	Windows	Replace all window/shutters in entire campus. Parts are no longer available to repair these shutters.

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Location	Project Description	Scope
Broadview Elementary	Concurrent Replacement	Construct 79,555 gsf 2-story admin/classroom building to include: administration; 16 primary classrooms; 10 intermediate classrooms; 3 skills dev. labs; 6 ESE classroom suites; resource rooms; art lab with related spaces; music suite; Media Center; textbook storage; custodial spaces; student, staff, and public restrooms. Relocate HVAC Chillers and lift station. Construct ITV tower. Construct Staff & Visitor Parking; partial parent drop-off & pick-up; and bike storage. Demolish Building # 1. Phase II. Construct 2,900 nsf PE and custodial receiving / storage building. Construct Elementary Playground. Construct Pre-K to 3 playground. Construct Primary & Intermediate Playcourts and joint use play fields. Construct Staff, Visitor, & Public Parking; parent drop-off & pick-up; and bus loop at playfields. Remove Buildings 78, 85, and Portable Classrooms.
Broadview Elementary	Site - Plumbing	Replace sanitary soil, waste, and vent piping in various areas in Bldg 1.
Broadview Elementary	Site Expansion	Land - Site Expansion. Purchase 1 acre @ South-Southwest corner.
Broward Estates Elementary	Concurrent Replacement	A Concurrent replacement in multiple phases to include: 58,071GSF of new construction consisting of 10 Primary and 10 Intermediate Classrooms, 5 Resource Rooms, 3 Skills Labs, a 4-Classroom ESE Suite with related spaces, Administration, PE storage and covered Play Area, Custodial spaces, Textbook storage, and Student, Staff, and Public Restrooms. Remove & Replace Kindergarten playground. Install Emerg. Generator & related equip. 2 Classroom Modular Addition Previously included in the Portable Replacement Schedule.
Broward Estates Elementary	Health & Safety	Provide Fire Sprinkler Protection
Castle Hill Elementary	Classroom Addition	18 classroom addition plus core
Castle Hill Elementary	Health & Safety	Provide Fire Sprinkler Protection in Building 1, include ceiling grid, lights, and tile.
Castle Hill Elementary	Playground	Remove & Replace kindergarten Playground
Castle Hill Elementary	Remodeling/Renovation	Covered walkways, ADA modifications, replace carpet, paint the school, repair by replacement storm drainage system at playfield and install two basketball courts & correct all exterior lights.
Central Park Elementary	Capital Improvements	Replace (2) 180 ton water cooled chillers (McQuay)
Central Park Elementary	Fire Alarm	Upgrade fire alarm system.
Central Park Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Central Park Elementary	Intercom	Replace intercom, add interior and exterior PA speakers and replace underground wiring.
Central Park Elementary	Remodeling/Renovation	Additional parking, expansion of the serving line in kitchen.
Central Park Elementary	Site - Playfield	Play space with a blacktop or rubber surface.

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Location	Project Description	Scope
Challenger Elementary	HVAC	Replace RTAA 300 ton Trane air cooled Chiller.
Chapel Trail Elementary	Health & Safety	Provide Fire Sprinkler Protection
Chapel Trail Elementary	HVAC	Replace 7 air handlers in main building
Chapel Trail Elementary	HVAC	Replace two cooling towers located behind cafeteria.
Chapel Trail Elementary	HVAC	Replace two 180 ton Trane Water Cooled Chillers
Chapel Trail Elementary	Playground	Remove and Replace Kindergarten Playground
Chapel Trail Elementary	Playground	Remove and Replace Elementary Playground
Coconut Creek Elementary	10 Classroom Additon	10 Classroom Modular Addition
Coconut Creek Elementary	Add manhole to NW corner of campus	Add manhole to NW corner of campus
Coconut Creek Elementary	Capital Improvements	Replace (2) water cooled 115 ton McQuay chillers
Coconut Creek Elementary	Drives	Bus /Parent Drives
Coconut Creek Elementary	Electrical	Upgrade switch gear
Coconut Creek Elementary	Generator	Install Emerg. Generator & related equip.
Coconut Creek Elementary	HVAC	Replace 2 perma pipe cooling towers. Including associated mechanical and electrical equipment, and four pumps.
Coconut Creek Elementary	Playground	Remove and Replace Kindergarten and Elementary Playground
Coconut Creek High	Ceiling Tile	Replace ceiling tiles on the 2nd floor and science
Coconut Creek High	Electrical	Replace elec. panels throughout school
Coconut Creek High	Electrical	Upgrade natural gas generator to 125KW - secondary red cross shelter.
Coconut Creek High	Fire Alarm	Fire alarm needs replacement.
Coconut Creek High	INFRASTRUCTURE	Replace Outdated Hydraulic Irrigation Control Tubes For Practice Field, Convert To Electric. Replace Three Obsolete Pump Stations, Convert Baseball/Softball Field Controls From Hydraulic To Electric.
Coconut Creek High	Remodel / Renovation	Remodel boys and girls locker rooms.
Coconut Creek High	Remodeling/Renovation	Master Plan
Coconut Creek High	Renovate Admin	Remodel FISH 148-158C into a media center; remodel FISH 218-230D into an ESE suite, teacher planning, administrative suite, marketing lab, and staff restrooms; remodel FISH 162, 163 and a portion (500NSF) of FISH 003 into a commercial foods lab (ProStart); remodel FISH 101-108, 122, 122A-C into the main administration suite to include two clinics, restroom, and shower, principal's office, reception area, student records storage, administrative storage, conference rooms, and staff restrooms. Fire Sprinkler for Building 1.
Coconut Creek High	Replace motor Control Center	Replace motor Control Center
Coconut Creek High	Replace outdated Switchgear	Replace outdated Switchgear
Coconut Palm Elementary	Classroom Addition	12 Classroom Addition

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Location	Project Description	Scope
Coconut Palm Elementary	HVAC	Replace 300 Ton Trane air cooled Chiller.
Colbert Elementary	INDOOR AIR QUALITY	HVAC repairs and Testing & Balancing
Collins Elementary	Bus Loop / Playground	Construct Bus loop on the east side of the campus, add additional parking with emergency access to west side. Relocate Kindergarten and Elementary playground and 2 pre-K portables.
Collins Elementary	Generator	Install Emerg. Generator & related equip.
Collins Elementary	Kitchen/Cafeteria	Replace Kitchen/Cafeteria/Multipurpose Area/Stage
Collins Elementary	Walkways	Replace all wood covered walkways throughout school
Cooper City Elementary	HVAC	Replace Carrier Chiller 30gtn, 080k, 520ka 230 volts
Cooper City High	Auditorium Lighting	Upgrade/Replace general lighting in Auditorium, upgrade Dimmer Panel and Theater lighting circuits, and purchase Stage lights. Replace Store Front units and windows, correct drainage issues on 2nd floor, rework planter areas to provide proper drainage.
Cooper City High	Remodeling, Renovation, and Indoor Air Quality	General Renovations and repairs to maintain operation of existing facility during design and construction of replacement school.
Cooper City High	Swimming Pool Complex	Construct Swimming Pool Complex
Coral Cove Elementary	Classroom Addition	16 Classroom Addition
Coral Glades High	Classroom Additions	Science and Technical Labs
Coral Glades High	New Auditorium	New auditorium building - The approved budget is as amended on 08-25-09 and includes an additional \$1million shifted from the building #4 remodeling project.
Coral Park Elementary	Doors	Replace store front aluminum double doors in main office #f-101a and media center f-201, cafeteria 301, and three singles door units. all doors are 3/0x7/0 paint white aluminum . replacement doors are to have vertical down rods.
Coral Park Elementary	INFRASTRUCTURE	Resurface And Color Coat Play Courts, Approx 1000 sy.
Coral Park Elementary	Intercom	Replace intercom console, Interior and Exterior Paging Speakers
Coral Park Elementary	Site - Fields	Regrade the entire site area around playgrounds etc. Remove sod, regrade to new contours provided by the civil engineer, install approximately 300-400 ft of exfiltration trench, with catch basins (approximately 3 or 4 catch basins) and raise or lower exit
Coral Springs Elementary	Capital Improvements	Upgrade master clock/intercom, including wiring (above and below ground)
Coral Springs Elementary	Capital Improvements	Replace (1) 240 ton water cooled chiller
Coral Springs Elementary	Electrical	Motor control center for the chiller plant.
Coral Springs Elementary	Playground	Remove & Replace kindergarten Playground, new pavilion
Coral Springs Elementary	Remodeling/Renovation	Enclose/Replace Media Center

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Location	Project Description	Scope
Coral Springs Elementary	Storage	Storage Building
Coral Springs High	Drainage	Re-pipe drains from covered walkway to increase to 3" pipes
Coral Springs High	Exterior Lighting	Replace Exterior Lighting at Parking Lots and Athletic Fields.
Coral Springs High	Food Court Conversion	Food Court Conversion
Coral Springs High	HVAC	Update controls for air handlers
Coral Springs High	HVAC	Replace 16 air handlers in main building & 1 in Automotive Shop & 1 in Drivers Ed. Building
Coral Springs High	Storage	Storage Building
Coral Springs Middle	Electrical	Replace motor control center in chiller room.
Coral Springs Middle	Final Buildout	Replacement of Bldg 1
Coral Springs Middle	Gymnasium	New Construction - Construct new gym to include lobby, ticket booth, satellite concession and locker rooms; construct additional administration/student services and related spaces. Renovate existing Gym to Multipurpose, Replace 5 Chiller Pumps
Coral Springs Middle	HVAC	Replace All Air Handlers. Remove Rooftop Cond.
Coral Springs Middle	Replace Tele-Center	Upgrade Public Address system to include Console, Interior and Exterior Paging Speakers.
Coral Springs Middle	Roofing	Re-Roof Bldg 1
Country Hills Elementary	Capital Improvements	Replace (4) AC pumps, air handlers (6 main building), and 45 fan coil units
Country Hills Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Country Isles Elementary	Capital Improvements	Flooring: Installation of Carpet
Country Isles Elementary	Drainage	Correct drainage problem at parking lot. Re-grade and repave 39,600 SF of parking area. Correct entire site drainage.
Country Isles Elementary	Fire Alarm	Replace fire alarm and security systems including classrooms.
Cresthaven Elementary	Covered Walkways	Construct Covered Walkway from Building 5 to Building 78 250 linear feet. Walkway must include lighting for safety.
Cresthaven Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Cresthaven Elementary	HVAC	Replace two 130 ton Trane air cooled chillers
Croissant Park Elementary	Health & Safety	Provide Fire Sprinkler Protection
Croissant Park Elementary	HVAC	Replace 2 York water cooled Chillers
Croissant Park Elementary	HVAC	Upgrade the AC pumps and cooling towers
Croissant Park Elementary	Intercom	Replace intercom and add interior and exterior PA speakers.
Croissant Park Elementary	Playground	New pre-k w/pavilion
Croissant Park Elementary	Remodeling/Renovation	Media Center – carpet replacement
Cross Creek School	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Cross Creek School	HVAC	Replace 2 chilled water pumps

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Location	Project Description	Scope
Cross Creek School	Intercom	Replace intercom console. Upgrade Public Address system to include Console, under ground wiring, Interior and Exterior Paging Speakers.
Crystal Lake Middle	Capital Improvements	Replace PA System in Gym and Dining and Upgrade Public Address system to include Console, under ground wiring, Interior and Exterior Paging Speakers.
Crystal Lake Middle	Capital Improvements	Flooring: Installation of Carpet in Media Center and Admin.
Crystal Lake Middle	Classroom Addition	6 Classroom Modular Addition Previously included in the Portable Replacement Schedule
Crystal Lake Middle	Electrical	Provide surge protection throughout school( for all computer and lighting panels throughout school).
Crystal Lake Middle	HVAC	Replace all roof top a/c units (Bldg 1 & 2) and 2 air handlers in the Science Wing
Crystal Lake Middle	Infrastructure	Upgrade irrigation system at west side of property spacing of heads is not providing proper coverage
Cypress Bay High	Outdoor Pavilions	Construct Outdoor Pavilions, Dining, Install Storage Building.
Cypress Bay High - 9th Grade Annex (New River Circle Site)	Covered Walkway	Install covered walkway throughout school (76 portables +/-)
Cypress Elementary	Generator	Install Emerg. Generator & related equip.
Cypress Elementary	Playground	Construct Pre-K playground with Pavillion
Dandy, William Middle	ADA	Home Economics Kitchen Station ADA Retrofitting
Dandy, William Middle	ADA	ADA Science Lab Stations
Dandy, William Middle	Lighting	Provide (4) 15 light poles with (2) 250 watts M. H. lamps. Locate 1 in each center island of parking lot.
Dandy, William Middle	Remodeling/Renovation	Design and install an asphalt emergency access road with drainage (west side)
Dandy, William Middle	Upgrade Fire Alarm System	Upgrade Fire Alarm System
Dandy, William Middle	Windows	Replace windows throughout school
Dania Elementary	Electrical	Upgrade electrical room, wiring, and panels. Add 2 duplex receptacles/ 4 data outlets to each existing classroom - 35 classrooms
Dania Elementary	Marquee	Relocate existing marquee sign
Dania Elementary	Playground	Remove and Replace Elementary Playground
Dave Thomas Education Center East	HVAC	Replace all air handlers and condensers (14) in school, resize units for current use - units oversized now.
Dave Thomas Education Center East	Intercom	Replace intercom console.
Davie Elementary	Capital Improvements	Flooring: Installation of Carpet
Davie Elementary	Covered Walkway	Covered Walkways
Davie Elementary	Fire Sprinkler	Provide Fire Sprinkler Protection. Replace ceiling grid, tiles, and lights.

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Location	Project Description	Scope
Davie Elementary	HVAC	Replace condensing unit for walkin freezer and cooler #159 Café.
Davie Elementary	Playground	Remove and Replace Elementary Playground
Deerfield Beach Elementary	Classroom Addition	8 classroom addition.
Deerfield Beach Elementary	Fire Alarm	Upgrade fire alarm.
Deerfield Beach Elementary	Intercom	Replace intercom console. Upgrade Public Address system to include Console, under ground wiring, Interior and Exterior Paging Speakers.
Deerfield Beach Elementary	Playground	Replace Kindergarten Playground Equipment
Deerfield Beach Elementary	Playground	Replace Elementary Playground Equipment
Deerfield Beach Elementary	Windows	Replace all windows in Building 1.
Deerfield Beach High	Auditorium Renovation	Auditorium Renovation
Deerfield Beach High	Capital Improvements	Replace 480 amp. 480 volt distribution panel (located at swimming area)
Deerfield Beach High	Flooring	Replace Gym Floor.
Deerfield Beach High	Food Court	Food Court
Deerfield Beach High	Generator	Upgrade existing Emerg. Generator & related Elec. (125KW min.)
Deerfield Beach High	HVAC	Replace York chiller and controls for plant
Deerfield Beach High	HVAC	Replace air cooled Carrier Chiller
Deerfield Beach High	Irrigation	Irrigation: Baseball Field
Deerfield Beach High	Remodeling/Renovation	Remodel administration/restrooms (FISH 101 -104, 112-124) including electrical, flooring, lighting, and data connectivity
Deerfield Beach High	Replace motor Control Center	Replace motor Control Center
Deerfield Beach High	Replace PA rack in gym	Replace PA rack in gym
Deerfield Beach Middle	Covered Walkways	Construct covered walkways 4620 sf
Deerfield Beach Middle	Drives	Parent Drive Improvements
Deerfield Beach Middle	HVAC	Replace two 240 ton Trane air cooled chillers.
Deerfield Beach Middle	Marquee Sign	Provide Electric to new Marquee Sign
Deerfield Beach Middle	Remodeling/Renovation	Master Plan , perform Castaldi anaysis, Design replacement Media Center if approval is received.
Deerfield Beach Middle	Walkway	Replace deteriorated temporary wood coverings over walkways to buildings 5 - 128'x11'6", 170'x9'6", and to building 4 - 82'x 13'6" 37'x 11'6".
Deerfield Park Elementary	Bus Drive	Bus Drive
Deerfield Park Elementary	HVAC	Replace 2 cooling towers
Deerfield Park Elementary	HVAC	Replace 2 280 ton Dunn and Bush water cooled chillers.
Deerfield Park Elementary	HVAC	Update all A/C controls in school and install direct digital controls on HVAC systems for energy conservation.
Deerfield Park Elementary	Inrastructure	Resurface And Color Coat Play Courts, Approx 1100 sy.
Deerfield Park Elementary	Playground	New Pre-Kindergarten Playground w/ Pavilion

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Location	Project Description	Scope
Deerfield Park Elementary	Restrooms	Add staff restroom to media center.
Dillard Elementary	Capital Improvements	Provide And Install Transient Voltage Surge Suppression Devices On Electrical Panels Feeding Computers And Electronic Lighting Fixtures.
Dillard Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Dillard Elementary	HVAC	Replace two Trane 130 ton air cooled chillers.
Dillard Elementary	Intercom	Replace intercom console and add interior and exterior paging speakers.
Dillard Elementary	Lighting	Install security lighting on south exterior wall
Dillard Elementary	Parking	Provide additional parking (10 spaces).
Dillard High	HVAC	Replace 1 York water cooled Chiller ( model #YT-E3EC Serial #MRP-369902 year 1990 }
Dillard High	HVAC	Replace 60 ton air handler for cafe and dining. Controls will require updating from pneumatic to DDC for this unit to match existing control system throughout campus.
Dillard High	Site - Irrigation	Install automated irrigation zone around perimeter of bleachers on the south side of the football stadium.
Drew Resource Center	ELECTRICAL	Provide And Install Transient Voltage Surge Suppression Devices On Electrical Panels Feeding Computers And Electronic Lighting Fixtures Throughout Campus. Computers And Electronic Ballasts Are Susceptible To Lightning Strikes And Need To Be Protected.
Drew Resource Center	HVAC	Replace 2 air handlers for café and media & update controls
Drew Resource Center	INFRASTRUCTURE	Install Automatic Irrigation system To Replace Outdated Insufficient Existing Manual system.
Drew Resource Center	Lighting	Upgrade lighting throughout school
Drew, Charles Elementary	Capital Improvements	Replace Cooling Tower with Dual Call Tower, two 180 Chillers, 4 pumps. Replace Fan Coils, Replace all AC Temperature Controls. Repipe all drywells to sewer line.
Drew, Charles Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Drew, Charles Elementary	Site - Drainage	Regrade the entire site area on the campus. remove sod, regrade to new contours, install approximately 300-400 ft of exfiltration trench, with catch basins approximately 4 or more catch basins)

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Location	Project Description	Scope
Driftwood Elementary	Concurrent Replacement	Phase 2A - Construct a temporary administrative portable unit on-site to accommodate the administrative activities during the course of construction. Phase 2B - Demolish the existing Administrative Building No. 1 (9,495 gross sq ft) and construct an administrative classroom building (38,209 gross sq ft) to include administration, a 6 classroom ESE Suite, 10 intermediate classrooms, 1 skills lab, 5 resource rooms, textbook storage, teacher's planning, student, staff and public restrooms and custodial spaces. Construct staff and visitor parking and redesign bus drop-off.
Driftwood Elementary	INFRASTRUCTURE	Design And Install Complete Automated Irrigation system For P.E. Field, Regrade Add Fill And Sod .
Driftwood Elementary	Playground	New Kindergarten Playground with Pavilion based on Site Study
Driftwood Elementary	Remodeling and Renovation	Phase 1A - Construct and energize a new stand alone transformer vault with the capacity to meet school's projected demands and establish a temporary kitchen portable unit located near the existing dining room on-site to provide continued food service during the course of construction. Phase 1B - Demolish the existing kitchen that serves both the elementary and middle school levels including the existing transformer vault and demolish the existing dining area that serves the elementary school students only. (7,100 gross sq ft). Construct a new kitchen and dining area (aprox. 23,500 gross sq ft) with related spaces, teacher's dining, itinerant offices, student activities area, student and staff restrooms and custodial spaces to include designated receiving and storage areas.
Driftwood Middle	Bus Loop	Construct new Bus Loop with ADA curb cuts, 46 Staff Parking spaces and Covered Walkways at Bus drop-off.
Driftwood Middle	Drainage	Provide site drainage in four (4) separate areas within the school site to eliminate the prevalent flooding problems experienced during heavy rains.
Driftwood Middle	HVAC	Install direct digital controls on HVAC for energy conservation.
Driftwood Middle	Lighting	Upgrade Gym Lighting
Eagle Point Elementary	Health & Safety	Replace Fire Alarm System
Eagle Point Elementary	Health & Safety	Provide Fire Sprinkler Protection
Eagle Ridge Elementary	Capital Improvements	Replace (2) 180 ton cooling towers and 3 water pumps
Eagle Ridge Elementary	Health & Safety	Provide Fire Sprinkler Protection
Eagle Ridge Elementary	HVAC	Replace 4 fresh air pretreatment units
Eagle Ridge Elementary	Parking	Construct new Parent drop-off, Bus drop-off, and Parking Conduct traffic Study.

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Location	Project Description	Scope
Elementary School "D" (Area F #3)	Land	Land
Elementary School "D" (Area F #3)	New School - Area F	New Elementary School to relieve Cooper City and Silver Ridge
Elementary School (Area B #1)	Land	Land - Co-location with Middle School B #1
Elementary School (Area B #1)	New Elementary School	New Elementary School to relieve Atlantic West and Winston Park. Co-location with Middle School B #1
Elementary School (Area D #1)	New School - Area D	New Elementary School to relieve Banyan, Central Park, Nob Hill, Peters, and Welleby
Elementary School (Area D #2)	Land	Land
Elementary School (Area D #2)	New School - Area D	Design Funding for a New Elementary School with a capacity of approximately 1094, and 1094 Student Stations. Relief for Chapel Trail, Country Isles, Eagle Point, Everglades, Gator Run, Hawkes Bluff, and Manatee Bay.
Elementary School (Area F #5)	Land	Land
Elementary School (Area F #5)	New School	New Elementary School to relieve Coconut Palm, Coral Cove, Lakeside, and Palm Cove
Embassy Creek Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Embassy Creek Elementary	HVAC	Replace 2 Trane water cooled Chillers
Everglades Elementary	Playground	Replace Kindergarten and Elementary Rubber Surface
Everglades High School	Site - Fields	Regrade the football field and install adequate drainage system to correct severe drainage issue.
Fairway Elementary	/ AIR CONDITIONER	Replace One Mcquay Chiller.
Fairway Elementary	Drainage @ Courtyard	Correct drainage issues in courtyard
Fairway Elementary	Generator	Install Emerg. Generator & related equip.
Fairway Elementary	HVAC	Replace Dunham Bush Chiller
Fairway Elementary	HVAC	Replace 18 Air Handlers
Fairway Elementary	Playground	New Elementary Playground
Fairway Elementary	Replace 10 modular QTEC Bard Units on roof of Bldg. #800	Replace 10 modular QTEC Bard Units on roof of Bldg. #800
Flamingo Elementary	12 Classroom Addition	12 classroom modular addition
Flamingo Elementary	HVAC	Retrofit 2x4 lay-ins to T8 from T12 ballasts
Flamingo Elementary	Kitchen Panel	Change Lrg. 200A contractor to a shunt trip C.B. - Kitchen Panel
Flamingo Elementary	Parking	Redesign and Expand Parking
Flamingo Elementary	Replace Tele-Center	Replace Tele-Center. Replace intercom, to include Console, Interior Exterior Paging speakers. Upgrade cafeteria PA System.
Flanagan, Charles High	Covered Walkway	Install covered walkway throughout school (31 portables +/-)
Forest Glen Middle	ADA	Home Economics Kitchen Station ADA Retrofitting

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Forest Glen Middle	ADA	ADA Science Lab Stations
Forest Glen Middle	Capital Improvements	Replace Johnson controls on all air handlers
Forest Glen Middle	HVAC	Replace Carrier condensing units for Administration area.
Forest Glen Middle	Remodeling/Renovation	Replace fire doors and hardware upgrade
Forest Hills Elementary	Electrical	Motor control center for the chiller plant.
Forest Hills Elementary	Fire Alarm	Fire Alarm
Forest Hills Elementary	Media Center	Media Center
Fort Lauderdale High	Lighting	Replace lighting in boys & girls locker rooms F252 & F257
Fort Lauderdale High	Lighting	Replace gym lighting F254
Fort Lauderdale High	Remodeling/Renovation	Tennis Courts and Parking Garage
Fort Lauderdale High	Renovation	Renovate gym to include ac of locker rooms, replace lockers, retile showers and replace fixtures, and upgrade lighting.
Foster, Stephen Elementary	Kitchen/Cafeteria Replacement	Replace Kitchen/Cafeteria/Multipurpose Area/Stage
Foster, Stephen Elementary	Remodeling/Renovation	Construct Admin Building to replace Bld. 1 Remodel buildings: 4,5,6,7. Reconfigure Bus loop, parent drop-off, replace parking
Foster, Stephen Elementary	Sewer	Replace sewer line from Girls F301 & Boys F601 and connect to city lift station
Foster, Stephen Elementary	Water Lines	Replace galvanized water line from back-flow to each wing.
Fox Trail Elementary	HVAC	Replace chiller, 2 chilled water pumps
Gator Run Elementary	Capital Improvements	Intercom
Gator Run Elementary	Playground	New Kindergarten Pavilion, Replace Kindergarten Rubber Surface, Replace Elementary Rubber Surface, and Drainage
Glades Middle	Covered Walkway	Install covered walkway to portables
Glades Middle	New School (southwest)	24 Classroom Addition
Griffin Elementary	HVAC	Replace Dunn & Bush chiller.
Griffin Elementary	Lighting	Replace walkway and classroom lighting throughout school
Griffin Elementary	Lighting	Install 6 Pole Mounted Lights, install surface mounted photocell lighting fixtures in all parking areas. Include design, engineering, all permits, trenching and patching, foundations, fixtures and poles, controls and tie-ins.
Griffin Elementary	Playground	PLACE Playground
Griffin Elementary	Safety	Install emergency generator
Gulfstream Middle	Remodeling/Renovation	Transition from Elem. To Middle
Hallandale Adult Center	Generator	Install Emerg. Generator & related equip.
Hallandale Adult Center	HVAC	Replace AHU - 45 ventilators, 8 air handler units 1 cooling tower, 1 chiller
Hallandale Adult Center	Parking Lot	New parking lot, parent drop off and covered walkway

**Ten and Twenty Year Plan**  
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Location	Project Description	Scope
Hallandale Adult Center	Remodeling/Renovation	Bus Loop
Hallandale Elementary	Replacement School	11 Classroom Addition
Hallandale High	Capital Improvements	Replace all windows and exterior doors (Buildings 1 thru 5) (including hardware and elevating walkway to threshold level)
Hallandale High	Concurrent Replacement	Concurrent Replacement with Multiple Phases, 1923 Student Stations
Hallandale High	Fire Alarm	Upgrade fire alarm system. Replace with new addressable system.
Hallandale High	Food Court Conversion	Food Court Conversion
Hallandale High	HVAC	Replace 2 McQuay Chillers
Hallandale High	Install new ceiling throughout classrooms	Install new ceiling throughout classrooms
Hallandale High	Pool	Construct swimming pool complex. City of Hallandale to provide matching funds. Subject to Plant Survey approval.
Hallandale High	Remodel boys locker room	Remodel boys locker room
Hallandale High	Remodeling and Renovation	Remodel Building #2, Room #900 to 900C and covered area #905 to a vocational auto lab (Medium Industrial lab). Remodel Building #1, Rooms 510-546 and corridor 005A to 18 general classrooms and related space.
Hallandale High	Upgrade MCC & Switch Gear	Upgrade MCC & Switch Gear
Harbordale Elementary	Capital Improvements	Flooring: Installation of Carpet
Harbordale Elementary	Playground	Remove and Replace Elementary Playground
Harbordale Elementary	Playground	Remove and Replace Kindergarten Playground
Hawkes Bluff Elementary	Capital Improvements	Replace (2) 180 ton water cooled chillers
Hawkes Bluff Elementary	Health & Safety	Provide Fire Sprinkler Protection
Hawkes Bluff Elementary	Playground	New Kindergarten and Elementary Playground
Hawkes Bluff Elementary	Remove fixtures from aluminum walkways	Remove fixtures from aluminum walkways and mount on columns
High School "MMM" (Area D #1)	Land	Land
High School "MMM" (Area D #1)	New High School	New High School to relieve Cypress Bay, Everglades, Flanagan, Miramar, and Western
Hollywood Central Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Hollywood Central Elementary	HVAC	Replace 130 ton air cool chiller (1993 Trane Air Chiller)
Hollywood Hills Elementary	Playground	New Elementary Playground
Hollywood Hills Elementary	Remodel Admin	Remodel the existing administration (carpet, paint, new ceiling tile, etc)

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Hollywood Hills High	Concurrent Replacement	Concurrent replacement in three phases to include: Phase I - Construct a 2-story administration/laboratory building and Student, Staff , and Public Restrooms. Phase II - Construct Building to include: 2 Resource Rooms, a Vocal Classroom, a Band Classroom, a Technology Education Lab, Male and Female Locker Rooms and related spaces, a Gymnastic/Dance Studio, a Multipurpose Instruction space, Custodial Receiving, Administration spaces, Kitchen/ Dining and Student and Staff Restrooms. Phase III - Construct a 2-story classroom/laboratory building. Demolish Building 1. Construct Parent D/O & P/U, Bus Loop, Staff/Visitor and Student Parking Construct Regional track/football field. Construct baseball & softball fields and courts.
Hollywood Park Elementary	Drainage	Site drainage and additional parking
Hollywood Park Elementary	Fire Alarm	Upgrade fire alarm system.
Hollywood Park Elementary	Playground	Remove and Replace Kindergarten and Elementary Playground
Horizon Elementary	Classroom Addition	2 Classroom Modular Addition
Horizon Elementary	Drainage	Re-pipe sewer line in Principal's office restroom FISH #103
Horizon Elementary	Fire Alarm	Upgrade fire alarm control panel.
Horizon Elementary	Generator	Install new emergency generator.
Horizon Elementary	Parking, Drainage	Construct Covered walkway at Bus Loop and from main building. Improve drainage throughout campus.
Horizon Elementary	Playground	New Elementary Playground
Hunt, James S. Elementary	Electrical	Motor control center for the chiller plant.
Hunt, James S. Elementary	HVAC	Replacement of two in line pumps
Hunt, James S. Elementary	Intercom	Replace intercom console. Install Interior and Exterior Paging Speakers.
Hunt, James S. Elementary	Kitchen/Cafeteria	Expand and Remodel Kitchen, renovate Cafeteria/Multipurpose Area/Stage. Construct Electrical Vault and Switch gear. Construct Flamable/Equipment Storage building, demo old Flamable Storage. Reconfigure parking lot.
Hunt, James S. Elementary	Playground	Remove & Replace Kindergarten Playground
Hunt, James S. Elementary	Playground	New Elementary Playground
Indian Ridge Middle	ADA	ADA Science Lab Stations
Indian Ridge Middle	Fire Alarm	Replace Fire Alarm System
Indian Ridge Middle	Replace 21 heat pumps... replace with DX split system	Replace 21 heat pumps... replace with DX split system
Indian Trace Elementary	Capital Improvements	Walkways, gates, cameras
Indian Trace Elementary	Fire Alarm	Upgrade fire alarm system(4002) no longer supported by manufacturing company. Parts will be unavailable in next several years.

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Indian Trace Elementary	Health & Safety	Provide Fire Sprinkler Protection
Indian Trace Elementary	Playground	Remove and Replace Kindergarten and Elementary Playground
King, Dr. Martin Luther Elementary	ADA - Restrooms	ADA Restroom renovation project
King, Dr. Martin Luther Elementary	Ceiling Tile	Replace ceiling tiles throughout school
King, Dr. Martin Luther Elementary	Intercom	Replace intercom console and add interior and exterior paging speakers.
King, Dr. Martin Luther Elementary	Playground	Remove and replace Pre-K Playground
King, Dr. Martin Luther Elementary	Remodeling/Renovation	Renovate the front of the campus
Lake Forest Elementary	Classroom Addition	10 Classroom Addition
Lake Forest Elementary	Fire Alarm	Upgrade fire alarm control panel(to 4100U) to allow for continued expansion.
Lake Forest Elementary	Generator	Install Emerg. Generator & related equip.
Lake Forest Elementary	HVAC	Replace 6 AHU - front office/ south end/west end/art rm
Lake Forest Elementary	Playground	New Elementary Playground
Lake Forest Elementary	Playground	Provide and install new Kindergarten Pavilion
Lakeside Elementary	Classroom Addition	9 Classroom Addition
Lanier-James Education Center	Carole Andrews Leadership Academy	New Carole Andrews Leadership Academy to include: 6 Special Purpose Classrooms, PE Locker Rooms and related spaces, Multipurpose PE Instruction space, Administration, Custodial Spaces, Student, and Staff Restrooms.
Larkdale Elementary	Drainage	Drainage
Larkdale Elementary	Health & Safety	Provide Fire Sprinkler Protection
Larkdale Elementary	Kitchen/Cafeteria Replacement	Construct a new 18022 GSF Cafeteria/Multipurpose facility to replace existing facility. Remodel existing Cafeteria/Multipurpose into General School Storage and Custodial Storage. Construct Covered walkway from new Cafeteria/Multipurpose facility to Bld. #4
Larkdale Elementary	Partial Replacement	A Concurrent Replacement in Multiple Phases: Construct a 2-story Administration/Classroom building of 52,100 gsf, to include: Administration, 6 Primary Classrooms , 12 Intermediate Classrooms, a 6-Classroom ESE Suite, Resource rooms, an Art Lab with related Spaces, a Music Lab with related spaces, Textbook Storage, Custodial Spaces, and Student, Staff and Public Restrooms. Construct a Covered PE Play Area Of 1,141 gsf, Playgrounds and Play Courts, Construct Parent Drive, Bus Loop, Staff/Visitor Parking. Demolish Buildings 1,- 8, 13 14
Larkdale Elementary	Playground	Remove & Replace Kindergarten Playground
Lauderdale Lakes Middle	ADA	Home Economics Kitchen Station ADA Retrofitting
Lauderdale Lakes Middle	ADA	ADA Science Lab Stations
Lauderdale Lakes Middle	Capital Improvements	Upgrade HVAC systems climate controls

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Lauderdale Lakes Middle	Ceiling Tile	Replace ceiling tiles throughout school
Lauderdale Lakes Middle	Grease Trap	Increase size of grease-trap and lids for kitchen - outside F176
Lauderdale Lakes Middle	INDOOR AIR QUALITY	Roof repair, stucco and waterproof, interior repairs. HVAC -- evaluation, test and balance, and repair. Replace FB in 4 AHUs and provide dehumidification
Lauderdale Lakes Middle	Kitchen/Cafeteria Replacement Feasibility	Master Plan and feasibility study for Kitchen/Cafeteria Replacement
Lauderdale Manors Elementary	Partial Concurrent Replacement	Construct Administration/Classroom building to include: 6 Primary Classrooms with related spaces, 6 Intermediate Classrooms, Resource Rooms, Administration, Custodial spaces, Textbook Storage, Student, Staff and Public Restrooms. Demolish Building 1, Construct new Visitor and Staff Parking, Redesign Bus Loop and Parent Drop-off. Install Emerg. Generator & related equip.
Lauderdale Manors Elementary	Playground	New Kindergarten playground with Pavilion and an Elementary playground with playcourts.
Lauderhill Middle	ADA	Home Economics Kitchen Station ADA Retrofitting
Lauderhill Middle	ADA	ADA Science Lab Stations
Lauderhill Middle	Capital Improvements	Replace sewer, grease trap, grease and sanitary lines tanks and size. Two tanks.
Lauderhill Middle	Ceiling Tile	Replace ceiling tiles throughout school
Lauderhill Middle	Classroom Addition	4 Classroom Modular Addition Previously included in the Portable Replacement Schedule
Lauderhill Middle	Electrical	Replace elec. panels F161H, 158A, 162, 184, 106, 176, 230
Lauderhill Middle	Fire Alarm	Upgrade fire alarm system (needs addressable system to replace current panel not supported by Simplex).
Lauderhill Middle	HVAC	Upgrade HVAC climate control system.(direct digital controls on HVAC systems for energy conservation.
Lauderhill Middle	INFRASTRUCTURE	Automate Existing Manual system. Inner Campus Common Grounds
Lauderhill Middle	Kitchen/Cafeteria Replacement Feasibility	Master Plan and feasibility study for Kitchen/Cafeteria Replacement
Lauderhill Middle	Roof	Bldg. #1 needs to be re-roofed ( approx. 140,000 square feet).
Lauderhill, P. T. Elementary	Drainage	Install storm drainage on North Side of campus
Lauderhill, P. T. Elementary	Fire Sprinkler	Replace existing fire sprinkler system throughout school to include replacing ceiling grid, panels, and lighting.
Lauderhill, P. T. Elementary	Remodeling/Renovation	Remodel four existing classrooms for ESE and complete the last phase of the school construction. Construct PE facility, upgrade playgrounds and equipment upgrade PE fields, new covered walkway, replace carpets.

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Liberty Elementary	HVAC	Replace 300 ton Trane air cooled chiller.
Lloyd Estates Elementary	Concurrent Replacement	Final Phases of Concurrent Replacement: Phase 2 Renovate vacated media center and cafeterium to temporary classrooms and remove portables. Construct Classroom Building 19 Primary Classrooms, 14 Intermediate Classrooms, 4 Resource Rooms, 1 Skills Lab, 1 Music Lab, 1 Art Lab, PE area, Phase 3 Remodel building 2, into Administration, 2 ESE Classrooms, a Resource Room. Remodel bus loop, demolish building #1. Phase 4: New pre-k, kindergarden and elementary playgrounds. New play fields, covered play areas, P.E. storage and new play courts.
Lloyd Estates Elementary	HVAC	Replace 2 roof top condensing units for cafeteria & main bldg.
Lloyd Estates Elementary	New Media Center	New media center, skills development lab, remodel existing media to classrooms, air conditioning improvements, add security cameras, site drainage improvements.
Manatee Bay Elementary	Capital Improvements	Additional parking.
Manatee Bay Elementary	Covered Walkways	Install Covered Walkways , overhangs at Portables, Basketball Court
Manatee Bay Elementary	Playgrounds	Construct new Kindergarten Pavilion and walkways at Kindergarten Playground
Maplewood Elementary	Fire Sprinkler	Provide Fire Sprinkler Protection. Replace ceiling grid, tiles, and lights.
Maplewood Elementary	HVAC	Install new direct digital controls in chiller plant for energy conservation (install after new chillers).
Maplewood Elementary	INFRASTRUCTURE	Install Complete Automated Irrigation system For PE Field. Regrade , Add Fill As Needed, And Sod.
Maplewood Elementary	Playgrounds/playcourts	Construct new Kindergarten Pavilion and walkways at Kindergarten Playground
Maplewood Elementary	Remodeling/Renovation	Construct stand-alone media center. Remodel existing media center and admin. into administration Suite.
Maplewood Elementary	Remodeling/Renovation	Construct Bicycle Compound on west side of school.
Maplewood Elementary	Remodeling/Renovation	Upgrade Security Camera System.
Margate Elementary	Remodeling/Renovation	Demolish buildings 1,2,4,6-8,Construct general educational spaces to include Resource, ESE Suite, Administration, covered PE Area, and other related spaces. Remodel buildings 3, 5. Install Emerg. Generator & related equip.
Margate Middle	Concurrent Replacement	Concurrent Replacement
Margate Middle	Kitchen/Cafeteria	New stand-alone Kitchen/Cafeteria/Multipurpose Area/Stage
Markham, Robert Elementary	Capital Improvements	Upgrade all classroom lighting in Bldg.2 only to electronic ballast and T8 lamps includes ceiling grid, tile, and voltage surge suppression
Markham, Robert Elementary	Generator	Install Emerg. Generator & related equip.

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Markham, Robert Elementary	Parking	Provide additional 16 additional parking spaces on the East side of the school to eliminate parking on the grass.
Markham, Robert Elementary	Walkway/Canopy	Provide aluminum covered walkway. Parent drop off 110 LF x 8 wide x 9 high Bus drop 130 LF x 8 wide x 9 high Additional sidewalk 6; W x 50L = 300SF Provide surface mounted fluorescent lighting under the covered walkway.
Marshall, Thurgood Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Marshall, Thurgood Elementary	INDOOR AIR QUALITY	HVAC repairs and Testing & Balancing
McArthur High	Phase 2	<p>Phase I: Demolish Building 1 &amp; 3; Remodel Buildings 12 and 13 into temporary Administration Suite; Construct 2-story Administration/Media Center, Student, Public, and Staff Restrooms, and Custodial spaces; Construct 3-story Science laboratory Building 30,616 GSF to include: 12 Science labs, with Central Preparation and Secondary Storage spaces, Student and Staff Restrooms, and Custodial support spaces; Construct Parent drop-off and Visitor parking; Construct new Auditorium with TV production, Band Suite and Choral Suite.</p> <p>Phase II: Demolish Building 8; Construct 3-story Classroom Laboratory Building 87,171 GSF to include: a Skills Lab, 2 Art Labs, 1 Marketing and Diversified Educations laboratory, 2 Resource Rooms, a Family &amp; Consumer Science Food Production Lab, a F &amp; CS Child Care Center, a Health Occupations Nursing Assistant Lab, a Health Occupations Practical Experience Lab, a large Industrial Education Lab, a Technology Studies Lab, a Public Service Education Laboratory, a Satellite Food Court area, Student and Staff Restrooms, a Teacher planning/Satellite Administration Suite, Textbook Storage, and Custodial support spaces.; Construct a Gymnasium/PE Center 36,532 gsf to include: a main Gymnasium with seating for 1,500, a First Aid Room/Training Room, a Weight Room, Storage, a Dance Studio, and associated public use facilities, Student, Public, and Staff Restrooms, Teacher Planning offices.; Renovate Buildings 12 &amp; 13 into classrooms.</p> <p>Phase III: Demolish Buildings 5, 6, 7, 10, 11, 12,13 &amp; 20; Construct 4 basketball courts and 4 tennis courts.; Construct a Dining area of 7.000 sf onto the south portion of 3-story Laboratory building; Remodel Building 21 FISH 200D, 2101, 2101 A-E, 2103, 2103 A-E, 2104, and 2105 5,7s6 NSF; Remodel Weight Room in building 14.</p>
McArthur High	Site - Fields	Build new dugouts in the baseball field.

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
McFatter Technical Center	Air Conditioning	Boy's and Girl's Club, installation of a/c system in gym of the Boy's and Girl's Club
McFatter Technical Center	Capital Improvements	Relocate all electrical panels located in planters that are rusted
McFatter Technical Center	Electrical	Remove low voltage switch and relay, install reg. switches
McFatter Technical Center	Exhaust Systems	Welding Lab - Ventilation is inadequate. The venting system needs to be upgraded ( 2985 sq. ft.).
McFatter Technical Center	Lighting	Remove all MH lighting, install F32T8 fixtures in classrooms and industrial shop
McFatter Technical Center	Lighting	Replace 400 & 250 watt uplights
McFatter Technical Center	Lighting	Redesign mall lighting to allow for maintenance accessibility.
McFatter Technical Center	Remodeling	Remodel industrial lab to house a diesel mechanics lab and to expand the auto lab. Add related classroom( 680 sq.ft.) to diesel mechanics lab (4672 sq. ft.). Renovate Auto Office new lighting, ceiling, AC, flooring, and sound attenuation
McFatter Technical Center	Remodeling/Renovation	Upgrade all lighting (excluding Bldg. 3)Remove low voltage relays from relay cabinets and pull new wires and switches
McNab Elementary	Drainage	Breezeways on both floors accumulate water during rains. Slope of surfaces does not allow for proper drainage.
McNab Elementary	Health & Safety	Provide Fire Sprinkler Protection in buildings ,5,6,7. Replace ceiling tiles and grid, lighting
McNicol Middle	ADA	Home Economics Kitchen Station ADA Retrofitting
McNicol Middle	Change 20 wood fire doors to metal	Change 20 wood fire doors to metal
McNicol Middle	ELECTRICAL	Provide And Install Transient Voltage Surge Suppression Devices On Electrical Panels Feeding Computers And Electronic Lighting Fixtures Throughout Campus.
Meadowbrook Elementary	Classroom Addition	10 Classroom Addition to Replace Portables
Meadowbrook Elementary	Classroom Addition	Construct 8 Classroom Addition to Include 4 primary and 4 intermediate, administration, teacher planning, student and staff restrooms and custodial spaces
Meadowbrook Elementary	Lighting	Replace lighting in old bldgs #1, 2, 3
Meadowbrook Elementary	Replace water supply throughout campus	Replace water supply throughout campus - due to very low pressure
Middle School "NN"	New School (south central-west)	New middle school with a capacity of approximately 1754 and 1949 Student Stations. Potential relief for Tequesta Trace, Falcon Cove, and Indian Ridge.
Middle School "PP" (Area D #1)	Needs Assessment	Needs Assessment Study

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Location	Project Description	Scope
Middle School (Area B #1)	Land	Land - Co-location with Elementary School B #1
Miramar Elementary	Health & Safety	Provide Fire Sprinkler Protection. Replace ceiling grid, tiles, and lights.
Miramar Elementary	INDOOR AIR QUALITY	HVAC repairs and Testing & Balancing
Miramar Elementary	Upgrade EMS for humidity & temp. controls	Upgrade EMS for humidity & temp. controls
Miramar High	Fencing	Relocate fence shared by Whispering Pines Ctr.
Miramar High	Food Court Conversion	Food Court - Design stand-alone building
Miramar High	HVAC	Replace 27 air handlers, ductwork, controls, and dampers
Miramar High	Remodeling/Renovation	Remodel FISH #311 & 312 into Automotive Technology Suite/ Floral Design.
Miramar High	Remodeling/Renovation	Renovate Music Suite, Athletic Facilities
Mirror Lake Elementary	Electrical	Replace switchgear in FISH #165. Expand existing Electrical room
Mirror Lake Elementary	Fire Alarm	Upgrade fire alarm system.
Mirror Lake Elementary	Lighting	Install exterior security lighting
Mirror Lake Elementary	Parking Lot	Parking and site drainage
Mirror Lake Elementary	Playground	Remove and Replace Kindergarten Playground
Mirror Lake Elementary	Roof	Re-roof Bldg. # 1 and covered walkway (Approx. 58,000 square feet).
Monarch High School	Athletics	Construct 4 dugouts, 2 at Baseball and 2 at Softball Field. Renovate Baseball and Softball to Bermuda Turf, construct storage.
Morrow Elementary	Bus/Parent Drive	Bus/Parent Drive
Morrow Elementary	Classroom Addition	2 Classroom Modular Addition Previously included in the Portable Replacement Schedule
Morrow Elementary	Electrical	Motor control center for the chiller plant.
Morrow Elementary	Fire Sprinkler	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Morrow Elementary	Media Center	Replace folding partitions in 6 classroom pods; remodel/renovate media center.
Morrow Elementary	Playground	New combined Pre-K-K1/ Kindergarten Playground
New Renaissance Middle	Bus Loop	Extend Bus Loop
New Renaissance Middle	Exterior Repair	Repair exterior cracks on entire school.
New River Middle	ADA	ADA Science Lab Stations
New River Middle	Dock Repair	Seawall stabilization and new dock
New River Middle	INDOOR AIR QUALITY	Interior repairs. HVAC -- evaluation, test and balance, and repair. Repair 11 AHUs, and install 1 stand alone DX unit in Media Center and provide dehumidification T&B
New River Middle	Intercom	Replace intercom and add interior and exterior paging speakers. This installation includes speakers throughout the entire school.
Nob Hill Elementary	Drainage	Provide storm drainage on east side of school due to flooding
Nob Hill Elementary	Drainage/Parking	Drainage/Parking

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Location	Project Description	Scope
Nob Hill Elementary	Electrical	Replace switchgear in FISH#167 & install security lighting & install generator
Nob Hill Elementary	Fire Alarm	Upgrade fire alarm system to one fully addressable system(currently has two different panels connected).
Nob Hill Elementary	Intercom	Replace intercom console and add interior and exterior paging speakers.
Nob Hill Elementary	Playground	New Kindergarten Playground
Nob Hill Elementary	Restrooms	Remodel all restrooms in Bldg #1.
Norcrest Elementary	INFRASTRUCTURE	Install Automated Irrigation system To Replace Manual system On South Side Of School. Install Automated system For PE Field
Norcrest Elementary	Replace carrier air cooled chiller by café	Replace carrier air cooled chiller by café
North Andrews Gardens Elementary	Health & Safety	Provide Fire Sprinkler Protection in buildings 1,3,4,5,6,8. Replace ceiling grid, tiles, and lights.
North Fork Elementary	Ceiling Tile	Replace ceiling tiles throughout school
North Fork Elementary	Remodeling/Renovation	Replacement of building 1 (including admin. cafeteria, and classrooms). Install Emerg. Generator & related equip.
North Fork Elementary	Remodeling/Renovation	Castaldi Analysis and Master Plan
North Lauderdale Elementary	Capital Improvements	Upgrade all classroom lighting to electronic ballast and T8 lamps includes ceiling grid, tile, and voltage surge suppression
North Lauderdale Elementary	HVAC	Replace Dunhan Bush water cooled Chiller
North Lauderdale Elementary	Kitchen/Cafeteria	Construct New Kitchen/Cafeteria/Multipurpose Area/Stage to include Music suite
North Lauderdale Elementary	Master plan	Master plan for renovation of core spaces, admin and media.
North Side Elementary	Playground	Relocate Kindergarten Playground w/ Pavilion
North Side Elementary	Replace/Remodel & Expansion	Renovate small classrooms and admin (office) building and other areas of the school, historical site must keep within qualifications. Paint Existing to match new const. Re-finish floors of exterior corridors of entire facility. Replacement of Building 3 (upgrade drainage interior courtyards, upgrade heating system for classrooms and water from gas to electric, re-roof Building 8, replace chiller fan coil units buildings 1 & 2). Replace chiller { model # ALR105C serial #5YC008161 }; Construct Staff Parking and correct drainage on North side of school ; Replace Sewer Line From Main Building To Manhole On West Property Line ; Automate Existing Manual system

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Northeast High	Concurrent Replacement	Concurrent replacement in three phases to include: Phase I - Construct a 4-story classroom building. Phase II - Construct a 2-story administration and classroom/laboratory building . Construct Parent drop off/pick up area, Bus Loop, Student Parking, Staff and Visitor Parking. Phase - III Construct a gymnasium/PE center. Construct Practice Fields and Basketball and Tennis Courts. Motor Control Center for Chiller plant.
Nova Blanche Forman Elementary	Fire Alarm	Upgrade fire alarm system.
Nova Blanche Forman Elementary	Generator	Provide design, engineering, installation of new 125KW diesel emergency generator and emergency power distribution system throughout the entire campus.
Nova Blanche Forman Elementary	Lighting	Upgrade exterior lighting
Nova Blanche Forman Elementary	Playground	Re-surface and repaint PE playcourt area.
Nova Blanche Forman Elementary	Replace evap. & condenser units for walkin freezer and cooler	Replace evap. & condenser units for walkin freezer and cooler
Nova Blanche Forman Elementary	Walkway	Raise section of existing covered walkway to allow access to emergency vehicles between Nova Blanche Forman and Nova Eisenhower Elementary Schools.
Nova Eisenhower Elementary	Fire Alarm	Upgrade fire alarm system.
Nova Eisenhower Elementary	HVAC	Replace 4 pumps for chiller 3HP west side of school and 1 redundant pump.
Nova Eisenhower Elementary	Kitchen/Cafeteria Replacement Feasibility	Conduct study of the feasibility of constructing a Dual Kitchen/Multipurpose facility to serve both elementary schools.
Nova Eisenhower Elementary	Walk In freezer & cooler	Replace walkin freezer & cooler, needs new condenser unit - cafeteria
Nova High	/INFRASTRUCTURE	Renovate Entire Football Field. Install New Bermuda Sod.
Nova High	Cafeteria	Install an industrial garbage compactor.

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Nova High	Concurrent Replacement	A concurrent replacement in multiple phases to include: 26 General Classrooms, 8 Resource Rooms, 6 Science Labs with related spaces, 3 Chemistry Labs with related spaces, a 4- Classroom ESE Suite with related spaces, a Vocal Classroom with related spaces, a Band Classroom with related spaces, Male and Female Locker rooms with related spaces, a PE Multipurpose Instructional space, Equipment, Material Storage, Dance/Gymnastic Studio, 4 Business Technology Labs, 1 Marketing Lab, 2 Family & Consumer Science Labs, 2 Health Labs, Administration, Custodial Spaces, a Food Services facility, Textbook storage, a Media Center with related spaces, a TV Production Studio with related spaces, Student, Staff, and Public Restrooms, Visitor, Staff, and Student Parking. Bus Loop and drives, and Parent drop-off and drives. Construct replacement Athletic Fields and Courts.
Nova High	Electrical	Upgrade the West Parking Lot lighting.
Nova High	Food Court Conversion	Food Court Conversion
Nova High	INFRASTRUCTURE	Install Automated Irrigation Zones Around Perimeter Of Football Field. Area Presently Has Outdated Q.C.V. Manual Irrigation. Grade, Fill And Sod Approx. 75,000 Sq. Ft.
Nova High	Lighting	Replace ext. wall lights with wall pack washer 175W HID.
Nova High	Master Plan	Develop Master Plan for future expansion and or replacement. Coordinate Master Plan with Master Plans at each of the schools of the Nova Educational Center Complex.
Nova High	Remodeling/Renovation	Replace fan coil units, replace air handlers, replace electric panels. Upgrade old switch gear. Replace 1 Bohn Chilled water Air Handler In Tech Bldg 17 . Replace 1 Air Handler In Admin Area And 16 Chw Units In Tech Bldg.
Nova High	Remodeling/Renovation	Replace roof entire facility (high and middle) (including covered walkways)
Nova High	Replace area drain & drain field - north & east of kitchen	Replace area drain & drain field - north & east of kitchen
Nova High	Stadium Design	Upgrade stadium to replace not being able to use Lockhart
Nova Middle	ADA	Home Economics Kitchen Station ADA Retrofitting

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Nova Middle	Concurrent Replacement	Concurrent Replacement of 111,185 GSF in multiple phases to include: 14 General Classrooms, 5 Resource Rooms, 5 Science Labs with related spaces, 2 Art Labs with related spaces, a 4-Classroom ESE Suite with related spaces, a Vocal Lab with related spaces, a Band Classroom with related spaces, Male and Female Locker Rooms with related spaces, a PE Facility with related spaces, a Business Technology Lab with related spaces, a Family & Consumer Science Lab with related spaces, a Technology Education Lab with related spaces, a Health Occupations Education Lab with related spaces, Administration, Dining Area, a Multipurpose room with stage, Textbook Storage. Custodial spaces, Student, Staff, and Public Restrooms. Demolish buildings 3-9. Construct PE Fields and Courts. Construct Visitor and Staff Parking, Bus Loop and Parent Drop-off.
Nova Middle	Fire Alarm	Fire Alarm
Nova Middle	HVAC	Upgrade existing AC system.
Nova Middle	Lighting	Upgrade lighting
Nova Middle	Remodeling, Renovations & Site Improvement	Remodel or renovate restrooms, irrigation, walks & sodding.
Nova Middle	Upgrade WH switch gear	Upgrade WH switch gear
Oakland Park Elementary	Capital Improvements	Replace (2) air cooled 105 ton chillers (McQuay)
Oakland Park Elementary	Capital Improvements	Provide and install transient voltage surge suppression devices on electrical panels.
Oakland Park Elementary	Covered Walkways	Replace covered walkway lighting for bldg. #600
Oakland Park Elementary	Generator	Install Emerg. Generator & related equip.
Oakland Park Elementary	HVAC	Replace air handler for café manager's office
Oakland Park Elementary	Remodeling/Renovation	Phase 2 of Master Plan to include bus loop, parking lots, fields, playgrounds, covered playground, and new 33rd St. entry
Oakland Park Elementary	Remodeling/Renovation	Replace wood floor and auditorium seating (Building 6)
Oakland Park Elementary	Replace café package unit	Replace café package unit
Oakland Park Elementary	Replace old switch gear in main elec. room.	Replace old switch gear in main elec. room.
Oakland Park Elementary	Upgrade panels throughout the school	Upgrade panels throughout the school

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Oakridge Elementary	Concurrent Replacement	Replacement School: Demolish Buildings 4, 7, 9. New Kitchen/Cafeteria/Multipurpose Area/Stage facility to include: Music Lab, Custodial Receiving & Storage, Teacher/Staff Dining, & Student, & Staff Restrooms, Service Yard with new Chillers and Electrical Service Vault. Phase 2 - Demolish Buildings 2,10. Construct a 2-story Administration/Classroom building to include: 15 Primary Classrooms, 8 Intermediate Classrooms, a 4-Classroom ESE Suite, Resource rooms, an Art Lab, Custodial Spaces, & Student, Staff & Public Restrooms. Phase 3- Demolish Buildings 1, 3, 6, 8. Construct a Covered PE Play Area, Playgrounds and Play Courts, Construct Parent D/O & P/U, Bus Loop, Staff/Visitor Parking
Olsen Middle	ADA	Home Economics Kitchen Station ADA Retrofitting
Olsen Middle	ADA	ADA Science Lab Stations
Olsen Middle	HVAC	Replace 30 WC wall ventilators
Olsen Middle	INFRASTRUCTURE	Install Automated Irrigation system For Entire Campus. Install New Time clock And Update Electric. Renovate Pump House.
Olsen Middle Annex	30 Classroom Addition	Demolition of existing annex school. Construct new addition to include: 26 classrooms, satellite dining/multipurpose area, administration, Media Center, Art, Science, Resource Rooms, teacher planning . Construct new PE fields and staff, visitor parking.
Oriole Elementary	Ceiling Tile	Replace ceiling tile throughout school
Oriole Elementary	Grease Trap	Replace main sewer from grease trap to manhole
Oriole Elementary	INFRASTRUCTURE	Install Automated Irrigation Zones For The Front, West And East Sides Of Campus And Surrounding Common Areas, By Tying Into Existing Automated Irrigation system.
Oriole Elementary	Kitchen/Cafeteria	Replace Kitchen/Cafeteria/Multipurpose Area/Stage
Oriole Elementary	Lighting	Install security lighting
Oriole Elementary	Playground	New Pre-Kindergarten Playground w/ Pavilion
Palm Cove Elementary	Health & Safety	Provide Fire Sprinkler Protection
Palm Cove Elementary	Lighting	Replace interior recessed lights in walkway areas to flourescent.
Palmview Elementary	Capital Improvements	Replace 3 Chiller pumps in Compound
Palmview Elementary	Classroom Addition	4 Classroom Addition
Palmview Elementary	Playground	Remove and Replace Kindergarten Playground
Palmview Elementary	Walkway	North side of school (bus drop off) needs covered walkways. 300'
Park Lakes Annex	Remodeling/Renovation	Maintain Facility at it's current condition until determination of site usage is made.
Park Lakes Annex	Renovation	Roof repairs and repair of HVAC system - interim

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Park Lakes Elementary	Ceiling Tile	Replace all ceiling tile throughout school
Park Lakes Elementary	Parking	Additional parking spaces need to be added to front of school and the north side of the campus near new addition.
Park Ridge Elementary	HVAC	Replace all a/c controls throughout school.
Park Ridge Elementary	Intercom	Replace intercom console. Install Interior and Exterior Paging Speakers, underground wiring.
Park Ridge Elementary	Kitchen/Cafeteria Replacement	Replace Kitchen/Cafeteria/Multipurpose Area/Stage
Park Ridge Elementary	Remodeling/Renovation	Upgrade all classroom lighting to electronic ballast and T8 lamps includes ceiling grid, tile, and voltage surge suppression
Park Ridge Elementary	Site - Irrigation	Convert manual city water irrigation system for front of school to automatic.
Park Springs Elementary	HVAC	Replace 2 Trane water cooled Chillers
Park Springs Elementary	Parking	Construct new Parking area, and reconfigure existing lots.
Park Springs Elementary	Playground	Remove and Replace Kindergarten and Elementary Playground
Parkside Elementary	HVAC	Replace Trane 300 ton air cooled chiller.
Parkway Middle	Concurrent Replacement	Phase II - Demolish existing Building 1-10, 13-19 and 21. Construct an Administrative/Student Services Facility with Business, Technology, Health Occupation and Family & Consumer Science Labs. Construct a Kitchen/Dining/Multipurpose Room, Media Center and related spaces. Reconfigure Bus Loop and Parking. Construct Parent Pick Up/Drop Off
Pasadena Lakes Elementary	HVAC	Replace existing DX AC unit located in building 1.
Pasadena Lakes Elementary	HVAC	Replace six (6) rooftop package units serving the main building.
Pasadena Lakes Elementary	INFRASTRUCTURE	Install Complete Automated Irrigation For Inner Campus And Surrounding Common Areas, Tying Into Existing Manual system. Existing Manual system Is Both Inadequate And Outdated. Design And Install Irrigation system For P.E. Field Area Northeast Of Campus,
Pasadena Lakes Elementary	Kitchen/Cafeteria	Construct standalone Kitchen/Cafeteria/Multipurpose Area/Stage and related spaces, Music Suite. Remodel existing Cafeteria into 4 Classrooms
Pasadena Lakes Elementary	Lighting	Replace all classroom and auditorium fixtures
Pasadena Lakes Elementary	Playground	Remove and Replace Kindergarten and Elementary Playground
Pembroke Lakes Elementary	Classroom Addition	12 classroom addition
Pembroke Lakes Elementary	Fire Sprinkler	Fire Sprinkler. Replace ceiling grid, tiles, and lights.
Pembroke Lakes Elementary	HVAC	Replace two 100 ton water cooled chillers.
Pembroke Lakes Elementary	HVAC	Replace Berg cooling towers.

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Pembroke Lakes Elementary	Lighting	Replace all exterior walkway and security lighting with waterproof, vandal proof fluorescent fixtures throughout schools.
Pembroke Pines Elementary	Classroom Addition	4 Classroom Addition
Pembroke Pines Elementary	HVAC	Replace 140 ton trane air cooled chiller.
Pembroke Pines Elementary	Roof	Re-roof Building 1 (approx. 74,000 square feet).
Perry, Annabel C. Elementary	Kitchen/Cafeteria Replacement	Expand and remodel/renovate existing Kitchen/Cafeteria/Multipurpose Area/Stage, and enclose existing media center.
Perry, Annabel C. Elementary	Playground	Remove and Replace Elementary Playground
Perry, Annabel C. Elementary	Replace Tele-Center	Replace Intercom Module, Install Interior and Exterior Paging Speakers, underground wiring
Perry, Henry D. Middle	ADA	ADA Science Lab Stations
Perry, Henry D. Middle	HVAC	Replace 2 chilled water pumps
Perry, Henry D. Middle	HVAC	Replace DX split system in Kitchen storage
Perry, Henry D. Middle	HVAC	Replace 2 York water cooled Chillers
Perry, Henry D. Middle	HVAC	Replace 34 air handler units. Replace controls, dampers valves and ductwork.
Perry, Henry D. Middle	Remodeling & Renovations	Major Renovation to include: Covered walkways, replace carpet, resod field, replace gymnasium floor, resurface & Re-stripe parking lots, drive ways, Security fencing
Perry, Henry D. Middle	Water Pumps	Replace 2 condenser water pumps
Peters Elementary	Intercom	Replace intercom system,add interior and exterior paging speakers,replace underground wiring.
Peters Elementary	Lighting	Upgrade all classroom lighting to electronic ballasts and T8 lamps includes ceiling grid, tile and voltage surge suppression.
Peters Elementary	Lighting	Install security lighting
Peters Elementary	Playground	New Kindergarten Playground with Pavilion
Peters Elementary	Playground	New Elementary Playground
Peters Elementary	Roof	Re-roof facility.
Pines Lakes Elementary	HVAC	Replace 2 air handler units and install new controls in Kindergarten classroom building.
Pines Lakes Elementary	Lighting	Replace all classroom & auditorium lighting
Pinewood Elementary	Ceiling Tile	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Pinewood Elementary	Electrical	Control center for the chiller plant.
Pinewood Elementary	Playground	New Elementary Playground
Pioneer Middle	ADA	ADA Science Lab Stations
Pioneer Middle	Capacity Additions	Replacement School and Capacity Expansion to 1700 Student Stations
Pioneer Middle	Change MCC to Sq. D GE	Replace Motor Control Center

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Pioneer Middle	Hardware renovation throughout school	Hardware renovation throughout school
Pioneer Middle	Lighting	Upgrade lighting to T8 throughout school
Pioneer Middle	Lighting	Upgrade exterior lighting
Pioneer Middle	Replace inter 4 panel (vision) doors with new doors throughout school.	Replace inter 4 panel (vision) doors with new doors throughout school.
Piper High	Capacity Additions	6 Classroom Addition to Replace Portables to include 6 General Classrooms
Piper High	FLOORING	Automate Entire Campus Around Bldgs
Piper High	Food Court Conversion	Food Court Conversion
Piper High	HVAC	Install 2nd chiller for 24 classrooms
Piper High	HVAC	Install direct digital controls on HVAC for energy conservation.
Piper High	Restrooms	Renovate restrooms
Plantation Elementary	HVAC	Replace 300 ton Trane air cooled chiller.
Plantation High	New Kitchen and Food Court	Construct a stand alone kitchen/food court, custodial receiving and storage, service yard and new utility building
Plantation High	Remodeling/Renovation	Master Plan site and perform Castaldi analysis on buildings 2 and 20
Plantation High	Renovate 2 storage houses	Renovate 2 storage houses utilized for the Athletics Dept.
Plantation Middle	ADA	Home Economics Kitchen Station ADA Retrofitting
Plantation Middle	Kitchen/Cafeteria Replacement Feasibility	Master Plan and feasibility study for Kitchen/Cafeteria Replacement
Plantation Middle	Lighting	Install Security Lighting
Plantation Middle	Lockers	Locker Room Renovation
Plantation Middle	Roof	Re-roof Buildings 1 and 2.
Plantation Park Elementary	Capital Improvements	Upgrade and expand security system
Plantation Park Elementary	Generator	Install Emerg. Generator & related equip.
Plantation Park Elementary	Lighting	Install Security Lighting
Pompano Beach Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Pompano Beach Elementary	HVAC	Update Trane Tracer Controls & Replace Fan Coil Unit for Custodial Office
Pompano Beach High	Equipment	Construct Stadium with 8 lane track, Concession Stand, Restrooms, Bleachers, Irrigation, Lighting. Renovate Entire Football Field. Install New Bermuda Sod.
Pompano Beach High	INFRASTRUCTURE	To Completely Replace The Gymnasium Floor
Pompano Beach High	Lighting	Replace old lighting in Gymnasium
Pompano Beach Middle	Ceiling Tile	Replace ceiling tile in bldg. #1

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Pompano Beach Middle	Concurrent Replacement	Remodel Bldg. 2 6587 sf into TV Production Suite; Remodel Bldg 3 9315 SF into Music & Band classrooms and 4 general Classrooms. Remodel Bldg 4 9517 sf into 2 Art labs, a Technology Education Lab and a Family/Consumer Science lab. Remodel existing PE in Bldgs. 5 & 6 17, 629; Address all IAQ concerns in 4 buildings to include if necessary, complete roof replacement, conversion of DX units to chilled water, air handler replacement, window leaks, stucco repair/replacement, painting. Construct, PE fields, Track, Tennis and Basketball Courts. Fire sprinkler buildings 2-6. Drainage.
Pompano Beach Middle	HVAC	Replace condenser unit for teachers lounge & data room
Pompano Beach Middle	Replace Trane Tracer Controls throughout school	Replace Trane Tracer Controls throughout school
Quiet Waters Elementary	AIR CONDITIONER	Replace 2 Water Cooled Chillers
Quiet Waters Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Quiet Waters Elementary	HVAC	Upgrade to EMS chiller control and install direct digital controls in chiller plant for energy conservation.
Quiet Waters Elementary	HVAC	Replace single cooling tower with new dual cell tower.
Quiet Waters Elementary	Intercom	Replace intercom console and related equipment. Install Interior and Exterior Paging Speakers.
Ramblewood Elementary	Electrical	Upgrade Motor Control Center's.
Ramblewood Elementary	Playground	Remove and Replace Kindergarten Playground
Ramblewood Elementary	Remodeling/Renovation	Construct stand-alone media center. Remodel existing media center and admin. into administration Suite.
Ramblewood Middle	ADA	Home Economics Kitchen Station ADA Retrofitting
Ramblewood Middle	ADA	ADA Science Lab Stations
Ramblewood Middle	Ceiling Tile	Replace ceiling tile throughout school
Ramblewood Middle	Electrical	Upgrade chiller plant controls
Ramblewood Middle	HVAC	Update all AC controls
Ramblewood Middle	HVAC	Replace 2 air handlers In new wing of building 1.
Ramblewood Middle	Remodeling/Renovation	Renovate ESE Classrooms, create ESE Suite
Ramblewood Middle	Remodeling/Renovation	Replace Bleachers in Gymnasium
Ramblewood Middle	Remodeling/Renovation	Renovate Faculty Restroom
Ramblewood Middle	Remodeling/Renovation	Master Plan and feasibility study for Kitchen/Cafeteria Replacement
Rickards Middle	ADA	Home Economics Kitchen Station ADA Retrofitting
Rickards Middle	ADA	ADA Science Lab Stations
Rickards Middle	Capital Improvements	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Rickards Middle	Electrical	Motor control center for the chiller plant.

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Rickards Middle	HVAC	Replace 12 AHU's & finish updating controls to DDC
Rickards Middle	HVAC	Replace York water cooled Chiller
Rickards Middle	Kitchen/Cafeteria Replacement Feasibility	Master Plan and feasibility study for Kitchen/Cafeteria Replacement
Riverglades Elementary	Fire Alarm	Upgrade fire alarm system.
Riverglades Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Riverglades Elementary	Intercom	Upgrade Public Address system to include Console, under ground wiring, Interior and Exterior Paging Speakers.
Riverglades Elementary	Remodeling/Renovation	Replace cooling towers, 4 pumps, air handler unit (media), upgrade climate controls. 2 Chillers
Riverland Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Riverland Elementary	HVAC	Upgrade and redesign AC & climate controls.
Riverside Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Riverside Elementary	Intercom	Upgrade Public Address system to include Console, under ground wiring, Interior and Exterior Paging Speakers.
Riverside Elementary	Playground	Remove and Replace Kindergarten and Elementary Playground
Riverside Elementary	Walkways	Construct covered walkways to PE Shelter and from Admin to Cafeteria.
Royal Palm Elementary	Capital Improvements	Fencing and Landscape
Royal Palm Elementary	Classroom Addition	12 classroom addition
Royal Palm Elementary	Generator	Install Emerg. Generator & related equip.
Royal Palm Elementary	INFRASTRUCTURE	Convert Inner Campus Irrigation system To Automatic . Upgrade Electric And Pump To Accommodate New Inner Campus Automation.
Royal Palm Elementary	Lighting	Install security lighting
Royal Palm Elementary	Playground	New Kindergarten Playground w/Pavilion
Royal Palm Elementary	Playground	New Elementary Playground
Royal Palm Elementary	Plumbing	Replace sewer line in teacher restroom in Building 1.
Royal Palm Elementary	Remodeling/Renovation	Provide new PE covered area, convert manual irrigation system to automatic, new perimeter lights. Convert temporary parking area to permanent parking area. Design for Drop-off-areas.
Sanders Park Elementary	Electrical	Motor control center for the chiller plant.
Sanders Park Elementary	Fire Sprinkler	Provide Fire Sprinkler Protection. Replace ceiling grid, tiles, and lights.
Sanders Park Elementary	HVAC	Replace 170 ton Trane air cooled chiller.
Sandpiper Elementary	Capital Improvements	Replace and upgrade fire alarm system
Sandpiper Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Sandpiper Elementary	Intercom	Install P/A speakers throughout exterior corridors and PE Area. Unable to hear emergency announcements when not in classrooms and interior of buildings.

**Ten and Twenty Year Plan**  
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Location	Project Description	Scope
Sandpiper Elementary	Parking	Redesign parking and parent drop off area
Sandpiper Elementary	Playcourt	Resurface playcourt approx. 600 yds.
Sandpiper Elementary	Playground	Provide and install new Kindergarten Playground.
Sandpiper Elementary	Remodeling/Renovation	Additional parking
Sandpiper Elementary	Site - Irrigation	Provide and install new irrigation pump, controller and distribution system throughout site. Current system is inoperable and obsolete.
Sawgrass Elementary	Fire Alarm	Upgrade fire alarm control panel (with an addressable system).
Sawgrass Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Sawgrass Elementary	HVAC	Replace two 150 ton TRANE water cooled chillers.
Sawgrass Elementary	INFRASTRUCTURE	Replace Several Zones In Athletic Field Due To Improper Coverage
Sawgrass Elementary	Intercom	Replace intercom console and add interior and exterior PA speakers.
Sawgrass Elementary	Remodeling/Renovation	Additional parking
Sawgrass Elementary	Remodeling/Renovation	Install aluminum walkway cover at parent drive, including light fixtures
Sawgrass Springs Middle	ADA	ADA Science Lab Stations
Sawgrass Springs Middle	Capital Improvements	Replace all fire doors and hardware
Sawgrass Springs Middle	Ceiling Tile	Replace ceiling tile in building #4
Sawgrass Springs Middle	HVAC	Up-Date all AC Controls
Sawgrass Springs Middle	HVAC	Replace two 240 ton Carrier water cooled chillers.
Sawgrass Springs Middle	Traffic Control	Install two School flashers on Sample Rd. Install 4 flashers on Sportsplex Drive. Replace existing solar panels on Flashers.
Sea Castle Elementary	Fire Alarm	Upgrade fire alarm system.
Sea Castle Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Sea Castle Elementary	HVAC	Replace and relocate chilled water fan coils throughout.
Sea Castle Elementary	Lighting	Replace walkway lighting throughout the school
Sea Castle Elementary	Parent Drive Expansion	Parent Drive Expansion
Sea Castle Elementary	Playground	Remove and Replace Kindergarten Playground
Seagull School	Capital Improvements	Install fire sprinkler system in existing school, ceiling, grid, and lighting
Seagull School	HVAC	Install 2nd chiller
Seagull School	HVAC	Replace HVAC ductwork and piping.
Seagull School	Sewer	Replace sewer from front office to city main F101H, 101J, 003
Seminole Middle	ADA	Home Economics Kitchen Station ADA Retrofitting
Seminole Middle	Electrical	Replace switchgear FISH159
Seminole Middle	Health & Safety	Intercom System upgrade/replacement
Seminole Middle	INFRASTRUCTURE	Automate Entire Campus system, Inner Campus Common Grounds
Seminole Middle	Lighting	Upgrade all classroom lighting to electronic ballasts and T8 lamps includes ceiling grid, tile and voltage surge suppression.
Seminole Middle	Lighting	Install security lighting

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Seminole Middle	Remodeling/Renovation	Renovate cafeteria to include filling in the recessed area to create a stage area
Sheridan Hills Elementary	Fire Alarm	Upgrade fire alarm. (Upgrade to addressable system)
Sheridan Hills Elementary	Generator	Install Emerg. Generator & related equip.
Sheridan Hills Elementary	HVAC	Install direct digital controls on HVAC for energy conservation.
Sheridan Hills Elementary	HVAC	Replace 2 CW AHU in bldg #4
Sheridan Hills Elementary	HVAC	Replace 50 ton package unit.
Sheridan Hills Elementary	HVAC	Replace 4 CW AHU in Penthouse
Sheridan Hills Elementary	HVAC	Replace CW AHU #103 in front office ceiling
Sheridan Hills Elementary	Kitchen/Cafeteria	Replace Kitchen/Cafeteria/Multipurpose Area/Stage
Sheridan Hills Elementary	Parent Drop-Off	Covered Walkway for Parent Drop-off
Sheridan Hills Elementary	Upgrade ductwork to metal in front office #103	Upgrade ductwork to metal in front office #103
Sheridan Park Elementary	Classroom Addition	21 classroom addition
Sheridan Park Elementary	INFRASTRUCTURE	Automate Manual System. Replace Pump Station
Sheridan Technical Center	Generator	Replace existing Emerg. Generator (125kw min.)
Sheridan Technical Center	HVAC	Replace package AC unit 548 5 ton
Sheridan Technical Center	HVAC	Replace package ac unit 514 5 ton
Sheridan Technical Center	Intercom	Replace intercom and wiring throughout the site
Sheridan Technical Center	Parking	Expand parking, resurface all parking areas and address campus drainage issues.
Sheridan Technical Center	Playground	Remediation of Pre-Kindergarten Playground
Sheridan Technical Center	Replace pneumatic controls throughout the school	Replace pneumatic controls throughout the school
Silver Lakes Elementary	Classroom Addition	6 classroom addition
Silver Lakes Elementary	HVAC	Replace all air handlers & VAV's
Silver Lakes Elementary	Remodeling/Renovation	Install intercom in interior hallways
Silver Lakes Elementary	Remodeling/Renovation	Install Additional Security Cameras
Silver Lakes Middle	Accordian Doors	Replacement of accordian doors between classrooms
Silver Lakes Middle	ADA	Home Economics Kitchen Station ADA Retrofitting
Silver Lakes Middle	Ceiling Tile	Replace ceiling grid, tiles, and lights in bldgs. # 1, 2, 3, 4, 5, 6, & 8.
Silver Lakes Middle	HVAC	Replace 2 McQuay Chillers
Silver Lakes Middle	HVAC Repairs	Replace existing VAV boxes, Fan Coil Units, Duct work, Test and Balance
Silver Lakes Middle	Lighting	Replace ceiling tile and grid, and upgrade light fixtures to energy efficient T8 lamps and electronic ballast.
Silver Palms Elementary	Capital Improvements	Flooring: Installation of Carpet
Silver Palms Elementary	Classroom Addition	10 classroom addition

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Silver Palms Elementary	Replace 17 Heat Pump Units	Replace 17 Heat Pump Units
Silver Ridge Elementary	Capital Improvements	Repair/replace marquee
Silver Ridge Elementary	Electrical	Change panel boards & switch gear to Sq.-D throughout school
Silver Ridge Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Silver Ridge Elementary	HVAC	Change all ext. safety switches for chillers to stainless steel throughout
Silver Ridge Elementary	Lighting	Upgrade lighting to F32T8 Electronic throughout school
Silver Ridge Elementary	Lighting	Replace exterior down lights to fluorescent
Silver Shores Elementary	Classroom Addition	6 Classroom Addition
Silver Trail Middle	ADA	ADA Science Lab Stations
Silver Trail Middle	Classroom Addition	36 Classroom Addition
Silver Trail Middle	HVAC	Replace 13 air handlers, dampers & chilled water valves.
Silver Trail Middle	Intercom	Replace the existing Intercom console including interior and exterior paging speakers. Replace sound system in cafetorium.
Silver Trail Middle	Renovation/Remodel	Install Shade Structure at Art Patio, Install Bike Rack, Restore landscaping and irrigation system, Install shower partitions in locker rooms, Install motorized Bleacher in Gym.
Silver Trail Middle	Replace 35 heat-pump units	Replace 35 heat-pump units and replace controls
Silver Trail Middle	Track	Convert temporary elementary school parking lot back to a track.
South Broward High	HVAC	Install direct digital controls on HVAC for energy conservation.
South Broward High	HVAC	Replace 2 WC Chillers
South Broward High	HVAC	Replace air handler and condenser for clinic.
South Broward High	Offsite Traffic Improvements	Remove existing driveways, construct Curbs, gutters, and sidewalks. Construct Northbound right turn lane.
South Broward High	Remodeling/Renovation	Regional athletic facility to include the expansion of existing track to 8 lane polyurethane track. Renovation of existing baseball/softball fields including dugouts and bleachers. Addition of lights to illuminate softball field. Construct/renovate existing concession stand, including rest rooms, storage and press box. Construct additional parking. Install additional drainage throughout athletic field where required.
South Broward High	Renovate Auditorium	Renovate Auditorium - remove wood paneling and soundproofing on walls
South Broward High	Roof	Replace metal roof on gymnasium (approx. 19,000 square feet)
South Plantation High	Capital Improvements	Four relocatables during construction to house displaced students
South Plantation High	Electrical	Provide and Install Transient Voltage Surge Suppressors on all electrical ditribution panels and main electrical gear
South Plantation High	Electrical	Upgrade diesel generator to 125Kw.
South Plantation High	Food Court Conversion	Food Court Conversion - Bundled with prototype schools and design satellite dining and remodel existing cafeteria

**Ten and Twenty Year Plan**  
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Location	Project Description	Scope
South Plantation High	KOE Watershed Project	KOE Watershed Project
South Plantation High	Lighting	Install security lighting
South Plantation High	Replace obsolete hardware & re-key all exterior doors	Replace obsolete hardware & re-key all exterior doors
South Plantation High	Site - Drainage	Site work to include new parking in front of school, drainage, and lighting.
South Plantation High	Site - Sewer	Replace sanitary sewer system Buildings: [1,2,3,6,7,8]
Stirling Elementary	Classroom Addition	Construct Classroom Addition to include 5 primary and 5 intermediate, administration, teacher planning, custodial spaces, student and staff restrooms
Stirling Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting. Replace corridor lighting throughout school
Stoneman Douglas High	Food Court Conversion	Food Court Conversion
Stoneman Douglas High	HVAC	Replace 6 pumps and frequency drive in Chiller Plant
Stoneman Douglas High	Outside cover for dining area or do a satellite food court Need category not scope	Outside cover for dining area or do a satellite food court
Stoneman Douglas High	Replace pneumatic air compressor for controls	Replace pneumatic air compressor for controls
Stranahan High	Concurrent Replacement	Concurrent replacement in two phases to include: Phase I - construct a 3-story building. Construct PE facility. Construct Staff, Visitor, Student Parking, Parent Drop-off, Bus Loop. Phase II - Remodel Building 1 into 26 general classrooms, a 4-classroom ESE suite, satellite administrative suite, custodial spaces, textbook storage, staff/ student restrooms. Construct Regional Athletic Facility, PE Fields. IAQ
Stranahan High	HVAC	Replace 80 Ton Carrier Air Cooled Chiller.
Sunland Park Elementary	ELECTRICAL	Provide And Install Transient Voltage Surge Suppression Devices On Electrical Panels Feeding Computers And Electronic Lighting Fixtures Throughout Campus.
Sunland Park Elementary	Intercom	Replace intercom (PA system)and add interior and exterior PA speakers.
Sunland Park Elementary	Playground	Renovate Pre-K and Kindergarten Playgrounds
Sunland Park Elementary	Playground	New Elementary Playground
Sunrise Middle	ADA	Home Economics Kitchen Station ADA Retrofitting
Sunrise Middle	ADA	ADA Science Lab Stations
Sunrise Middle	Intercom	Replace intercom system and add interior and exterior paging speakers.
Sunset Lakes Elementary	Kitchen/Cafeteria	Master Plan and feasibility study for Dining Area Expansion
Sunset School	ADA - Ramps	Install ramps at exterior double doors at FISH #203 and 204. One ramp at each double door.

**Ten and Twenty Year Plan**  
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Location	Project Description	Scope
Sunset School	Intercom	Replace intercom console and add interior and exterior PA speakers.
Sunshine Elementary	Drop off Area	Covered walkway and pick up and drop off area, sidewalk to be removed
Sunshine Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Sunshine Elementary	Lighting	Tie parking lot lighting & modular bldg ext. lighting into EMS
Sunshine Elementary	Replace exit fixtures with LED type throughout school	Replace exit fixtures with LED type throughout school
Tamarac Elementary	Capital Improvements	Replace main sewer line in main hallway Approx. 200 lf
Tamarac Elementary	Electrical	Replace motor control center for the chiller plant.
Tamarac Elementary	Generator	Install Emerg. Generator & related equip.
Tamarac Elementary	HVAC	Replace 1 water-cooled Chiller
Tamarac Elementary	HVAC	Motor Control Center for new water-cooled chiller
Tamarac Elementary	HVAC	Replace cooling Tower and 3 cold water pumps.
Tamarac Elementary	Playground	New Elementary Playground
Tamarac Elementary	Serving Line	Serving Line renovation
Taravella J P High	Electrical	Replace motor control center for the chiller plant.
Taravella J P High	Food Court Conversion	Master Plan and feasibility study for Food Court Conversion
Taravella J P High	INFRASTRUCTURE	Automate system Around Campus (Fed By Pump From Canal At East Side).
Taravella J P High	Locker Rooms / Kitchen Cafeteria	Expand and convert existing cafeteria and locker room of 20,166 s.f. into a food court
Taravella J P High	Media/Music Choral Suite	Renovate Media/Music Choral Suite, replace stage curtains, refinish wooden stage floor, provide new outdoor covered dining area, renovate administration, install auditorium sound system and auditorium lighting. Renovate Dressing/Toilet Rooms at Auditorium to comply with ADA. Wheelchair Lift to Projection Room at Auditorium.
Taravella J P High	P.E. Facility	Construct PE building. Replace air handlers throughout school; Install additional Security Lighting; Remodel restrooms for ADA compliance/ADA renovations. Install auditorium sound system and auditorium lighting. Wheelchair Lift to Projection Room at Auditorium.
Taravella J P High	Remodeling/Renovation	Electrical upgrade and remediation, site improvements, new concrete walkways and landscaping, egress door replacement

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Tedder Elementary	Concurrent Replacement / Administration	Concurrent Replacement, Final Phase: Expand Building 8 (5,506 GSF) to include but not limited to: Principal's Office/Conference Room; 2 AP offices; reception/secretary space; Clinic and related Student Restroom; Administrative Storage, Student Records Storage; a Career Room; a Student Activity area; a Peer Counseling Resource Room; Teacher Planning; a Copy Room; a School Store; Custodial Spaces; Student, Staff, and Public Restrooms. Demolish buildings 1-7 and 19. Construct a Covered PE play area building of 2,314 GSF to include but not limited to: Covered Play Area, Teacher Planning Office; PE Storage; Equipment Storage; Student and Staff Restroom/Shower. Construct a Media Center/ Classroom Building of 15,821 GSF to include but not limited to: Media Center with related spaces; 2 Skills Labs; a 4 Classroom ESE Suite with related spaces; Textbook Storage; an Art Lab with related spaces; 3 Resource Rooms; Custodial Spaces; Student and Staff Restrooms. Remodel Building 15 (5,312 NSF) into 8 ESE PT/OT Classrooms, resource Room, a Supplemental Instruction area, a Conference Room, Storage, Custodial spaces, and Student Restrooms.
Tedder Elementary	Generator	Install Emerg. Generator & related equip.
Tedder Elementary	Health & Safety	Provide Fire Sprinkler Protection in buildings 8, 13, 14,15.
Tedder Elementary	HVAC	Replace 4 Carrier package units on roof.
Tedder Elementary	Playground	New Kingergarten w/ Pavilion
Tedder Elementary	Playground	New Pre-Kindergarten Playground w/ Pavilion
Tedder Elementary	Playground	New Elementary Playground
Tedder Elementary	Walkways	Construct covered walkways from Bld. 16 to Bld.9, add 20 parking spaces, install gate to service drive.
Tequesta Trace Middle	ADA	Home Economics Kitchen Station ADA Retrofitting
Tequesta Trace Middle	ADA	ADA Science Lab Stations
Tequesta Trace Middle	Capital Improvements	Replace two Carrier water cooled chillers and two primary and two secondary chilled water pumps
Tequesta Trace Middle	Capital Improvements	Replace fire doors and upgrade hardware (entire campus)
Tequesta Trace Middle	Replace hollow metal doors, jambs and windows throughout school	Replace hollow metal doors, jambs and windows throughout school.
Tequesta Trace Middle	Traffic Improvements	Traffic Improvements
The Quest Center	Fire Alarm	Upgrade fire alarm control panel (with an addressable system).
The Quest Center	Playground	New Pre-Kindergarten Playground w/ Pavilion
The Quest Center	Roof	Reroof half of Building #1(25,000 Sq. Ft.).
Tradewinds Elementary	Playground	Remove and Replace Kingergarten Playground

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Tradewinds Elementary	Playground	Remove and Replace Elementary Playground
Tradewinds Elementary	Replace all heat pump / ac units throughout school. Upgrade ac in office computer room Change to HVAC	Replace all heat pump / ac units throughout school. Upgrade ac in office computer room
Tradewinds Elementary	Site - Drives	Abandon existing street.
Tropical Elementary	Covered Walkways	Install covered walkways at parent pickup and bus loop. Install safety bollards at parent pick up.
Tropical Elementary	Electrical	Replace electrical distribution panel for AC units, Motor Control Center and electrical distribution panel for AC units in Penthouse.
Tropical Elementary	Intercom	Replace intercom console and add interior and exterior paging speakers. This installation includes speakers throughout entire campus.
Tropical Elementary	Lighting	Install security lighting
Village Elementary	Fire Sprinkler	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Village Elementary	Generator	Install Emerg. Generator & related equip.
Village Elementary	Generator	Convert Room 407F to generator room, install emergency generator and transfer switchgear (135 NSF).
Village Elementary	HVAC	Upgrade existing air-cooled chiller for Building #9 (existing unit is undersized).
Village Elementary	Intercom	Replace intercom console and add interior and exterior paging speakers.
Village Elementary	Pavillion	Install a covered pavilion over existing Intermediate Playground located on the south side of Administration parking lot.
Village Elementary	Playground	New pre-kindergarten playground with pavilion
Walker Elementary	Ceiling Tile	Replace ceiling tiles, grid, lighting throughout school except building 5
Walker Elementary	Classroom Addition	Demolish Existing building 5 and construct a 35,066 square foot 2 story building to include Primary Classrooms, intermediate classrooms, ESE classrooms, Skills development labs, Art lab, Administration/Student services and Custodial Storage .
Walker Elementary	Electrical	Replace Switchgear
Walker Elementary	HVAC	Install 50 ton chiller for PA bldg.
Walker Elementary	Lighting	Install security lighting
Walker Elementary	Playground	Replace Rubber Surface at Elementary Playground
Watkins Elementary	HVAC	Replace 2 circulating pumps
Watkins Elementary	HVAC	Replace cooling tower
Watkins Elementary	Remodeling & Renovations	Multi-purpose field play area
Welleby Elementary	Cafeteria	Replace existing 2x4 ceiling tiles throughout cafeteria and stage area (current ceiling tiles are no longer manufactured).

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Welleby Elementary	Fire Alarm	Upgrade fire alarm system.
Welleby Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Welleby Elementary	HVAC	Upgrade/replace HVAC Equipment and controls throughout campus.
Welleby Elementary	Intercom	Replace intercom console, add interior and exterior PA speakers and replace underground wiring.
Welleby Elementary	Walkway	Install new covered walkway at bus loop.
West Hollywood Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
West Hollywood Elementary	HVAC	Replace AHU #4 500D CS50SVLPD 91874586D YORK
West Hollywood Elementary	Playground	Relocate Kindergarten Playground with Pavilion
Westchester Elementary	Capital Improvements	Replace 1 (80 ton) air cooled chillers, 2 (100 ton) chillers, controls, and 5 pumps
Westchester Elementary	Electrical	Motor control center for the chiller plant.
Westchester Elementary	Generator	Install emergency generator.
Westchester Elementary	INFRASTRUCTURE	Resurface And Color Coat Play Courts, Approx 2300 sy.
Westchester Elementary	Roofing	Reroof Facility
Western High	Classroom Renovation	Conversion of two existing classrooms/labs into child care suite (this includes designating certain parking spaces for child care suite and construction of designated child care play area.
Western High	Lighting	Replace recessed auditorium house lights and connect them to the dimming system
Western High	Remodeling/Renovation	Construction/Remodel existing science classrooms to general classrooms
Western High	Replace motor control center	Replace motor control center
Western High	Retrofit all 2x4 flouresents to T8 ballasts	Retrofit all 2x4 flouresents to T8 ballasts
Westglades Middle	Classroom Addition	24 classroom addition
Westglades Middle	Remodeling/Renovation	Install new grid and ceiling tiles in existing stairwells, include new light fixtures.
Westglades Middle	Site - Paving	Resurface running track.
Westpine Middle	ADA	ADA Science Lab Stations, Home Economics Kitchen Station ADA Retrofitting, and ADA Restroom
Westpine Middle	Capital Improvements	Replace and upgrade fire alarm system
Westpine Middle	HVAC	Replace two perma pipe cooling towers.
Westpine Middle	Remodel / Renovation	Install divider wall between FISH 420 and FISH 421 and retrofit existing bar joist ceiling to acoustical drop ceiling. The acoustics are poor between the art room and adjacent classroom.
Westpine Middle	Remodeling/Renovation	Accordion Door for Classroom 510
Westwood Heights Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting

**Ten and Twenty Year Plan**  
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Location	Project Description	Scope
Westwood Heights Elementary	Intercom	Replace intercom system, add interior and exterior paging speakers, replace underground wiring.
Westwood Heights Elementary	Lighting	Install security lighting
Westwood Heights Elementary	Playground	Remove and Replace Elementary Playground
Whiddon-Rogers Education Center	Drainage	Correct drainage issues in new front of school.
Whiddon-Rogers Education Center	Electrical	Replace Elec. Panels & Switch Gear
Whiddon-Rogers Education Center	Electrical	Generator upgrade/replace.
Whiddon-Rogers Education Center	ELECTRICAL	Provide And Install Transient Voltage Surge Suppression Devices On Electrical Panels Feeding Computers And Electronic Lighting Fixtures Throughout Campus. Computers And Electronic Ballast's Are Susceptible To Lightning Strikes
Whiddon-Rogers Education Center	Food Court Conversion	Construct Stand Alone Cafeteria
Whiddon-Rogers Education Center	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Whiddon-Rogers Education Center	HVAC	Replace Chiller (Dunham Bush Water Cooled)
Whiddon-Rogers Education Center	HVAC	Replace two 30 ton a/c units for cafeteria. Voltage is 208-230v.
Whiddon-Rogers Education Center	Lighting	Upgrade all classroom lighting to electronic ballasts and T8 lamps includes ceiling grid, tile and voltage surge suppression.
Whiddon-Rogers Education Center	Lighting	Install security lighting
Whiddon-Rogers Education Center	Remodeling/Renovation	Parking spaces
Whiddon-Rogers Education Center	Storage Building	Air Conditioned Storage Building
Whiddon-Rogers Education Center	Upgrade power to kitchen	Upgrade power to kitchen F105 - panel overloaded
Whispering Pines Center	HVAC	Replace all AHU, replace controls, dampers , valves and ductwork
Whispering Pines Center	Lighting	Replace column mounted HPS hall and walkway fixtures with W/P fluorescent.
Whispering Pines Center	New Gymnasium	Construct Covered Play Area
Wilton Manors Elementary	Intercom	Replace intercom system and add interior and exterior PA speakers.
Wingate Oaks Center	Emergency Ventilation Repairs	Emergency Ventilation Repairs
Wingate Oaks Center	Generator	Install emergency generator.
Wingate Oaks Center	Intercom	Replace intercom and add interior and exterior paging speakers.
Wingate Oaks Center	Lighting	Install additional Security Lighting throughout courtyard area
Wingate Oaks Center	Remodeling/Renovation	Reroof buildings 1, 2, and 3
Wingate Oaks Center	Remodeling/Renovation	Replace all ceiling grid and tile, re-insulate chilled water lines, and replace fire alarm system
Winston Park Elementary	Health & Safety	Provide Fire Sprinkler Protection
Winston Park Elementary	HVAC	install direct digital controls for energy conservation.
Winston Park Elementary	HVAC	Upgrade controls for school & chiller plant.

**Ten and Twenty Year Plan**  
**Fiscal Years 2016-17 to 2025-2026**

Location	Project Description	Scope
Winston Park Elementary	HVAC	Replace 2 McQuay water cooled Chillers
Winston Park Elementary	Renovate Drives	Renovate Drives
Young, Virginia S. Elementary	Health & Safety	Provide Fire Sprinkler Protection, replace ceiling tiles and grid, lighting
Young, Virginia S. Elementary	Intercom	Upgrade intercom/clock system and fire alarm system.
Young, Walter C. Middle	Additional Restrooms	Additional Restrooms
Young, Walter C. Middle	Covered Walkways	Covered Walkways
Young, Walter C. Middle	Drainage	Drainage
Young, Walter C. Middle	HVAC	Replace 1 Trane & 1 McQuay Chiller
Young, Walter C. Middle	INFRASTRUCTURE	Isolate City Of Pembroke Pines Irrigation system From The School Campus. Upgrade Two Complete Pump Stations. Install And Modify Existing Zones Due To Poor Coverage
Young, Walter C. Middle	Install EMS throughout school	Install EMS throughout school
Young, Walter C. Middle	Remove fixtures from walkways	Remove fixtures from walkways ceiling mounts & replace with water tight column mount
Young, Walter C. Middle	Security	Expand and update existing security camera system. Provide coverage in the portable area.