

**Draft 2**

**PUBLIC FACILITIES & SERVICES ELEMENT**

**GOALS, OBJECTIVES, AND POLICIES**

## **EXECUTIVE SUMMARY**

The Goals, Objectives, and Policies in this Element will serve to provide cost effective total life cycle management of the City's public infrastructure and key essential services to enhance sustainability and the health, safety and welfare of residents, businesses, and visitors.

In the late 1980s, the City Public Works Division prioritized expenditures for severe deficiencies in infrastructure, such as undersized and deteriorating water lines, insufficient water pressure, and saltwater inflow and infiltration in sewer lines. As these systems improvements were completed with the assistance of a municipal bond, the City began to prioritize system renewal and replacement on an ongoing basis as the City launched a new era of redevelopment and revitalization

The completion of critical projects allows the City to invest more in innovative public facilities improvements that expand sustainability initiatives and increase quality of life for Delray Beach citizens. This includes projects such as reclaimed water, multi-modal improvements, emergency preparedness, and other programs to promote resilience.

## **PUBLIC FACILITIES & SERVICES FRAMEWORK**

Currently, the City has neared its development capacity and project funding is prioritized based on critical items, mandatory items, and desirable items (discussed in detail in the Capital Improvements Element). Since the City previously addressed critical and mandatory items, the majority of projects funded fall in the category of "desirable items." This allows the City to invest more in innovative public facilities that improve sustainability and increase quality of life for Delray Beach citizens. This includes projects such as reclaimed water and multi-modal improvements.

The Public Facilities Element recommendations described in the data, inventory, and analysis for this element are summarized below.

### **Public Facilities Recommendation**

- Continue to support public WiFi and explore its expansion as public infrastructure.
- Explore the feasibility of solar panels on public buildings.
- Work with the Delray Beach CRA to assess the need for new parking facilities and plan for their location.

### **Wastewater Recommendation**

- Continue the program for extending water and sewer mains to inhabited areas in the City, and allocate capital projects funding for treatment plant replacements to improve system efficiency.

### **Potable Water Recommendation**

- Upgrade components of the potable water system to improve efficiency.

### **Solid Waste Recommendation:**

- Increase involvement in recycling programs by expanding both participation and the number of permitted recyclable items.

### **Stormwater Recommendation**

- Implement green streets as a tool to improve stormwater drainage.

### **Transportation Recommendation**

- Implement a Safe Routes to Schools program to improve the safety of children walking and biking to school. This would include evaluating existing conditions, mapping routes to school, identifying needed improvements, and prioritization of the identified improvements (based on the criteria in the capital improvements element).
- Analyze bicycle and pedestrian safety along routes to major destinations, such as parks, the downtown district, schools, and employment centers, and prioritize multimodal improvements (including shade trees) in the capital improvements element. To measure success in this area, the City should develop benchmarks for tree coverage on public streets and public land.
- Continue to plan for any improvements necessary in the Tri-Rail station area due to the increase in density associated with transit oriented development.

### **Emergency Preparedness Recommendation**

- Develop a plan for Continuity of Operations
- Develop a plan for post disaster recovery for all hazards
- Plan for the development of an emergency operations center (EOC)
- Develop strategies to reduce stormwater runoff

- Develop strategies to prevent street flooding and ponding on critical streets
- Develop backup power systems for street lights and traffic lights
- Upgrade IT infrastructure to facilitate post-disaster recovery
- Work with Palm Beach County to identify or construct and designate additional public facilities as shelters buildings with ARC 4496 design standards to withstand hurricane force winds, including window strength and protection, wind and debris exposure, and storm surge inundation.
- Coordinate with the Treasure Coast Regional Planning Council (TCRPC) on any updates to the Statewide Regional Evacuation Study for the Treasure Coast Region.

#### **Adaptation Action Area Recommendation**

- Designate an adaptation action area.
- Develop and implement research-driven mitigation strategies in all water supply, transportation, and facilities planning studies.
- Explore the continued use of seawalls and the new installation of living shorelines.
- Upgrade City Hall and other public facilities for both emergency preparedness as well as for future resilience to sea level rise.
- Continue to direct growth of transportation facilities away from the high hazard / coastal evacuation areas.
- Prohibit public facilities in coastal high hazard areas.
- Continue to support stormwater drainage improvements – including green infrastructure projects – to mitigate the impacts of flooding.
- Continue the program to reduce inflow and infiltration in the wastewater collection system.

**GOAL PFE 1            PRIORITIZATION OF PROJECTS.**

**ENHANCEMENT OF PUBLIC FACILITIES AND THE PROCESSES USED TO IDENTIFY AND FINANCE IMPROVEMENTS SHALL BE ESTABLISHED IN ACCORDANCE WITH THE GUIDELINES FOR PRIORITIZING CAPITAL IMPROVEMENT PROJECTS.**

**Performance Measures:** Success in addressing the Objectives and Policies of Goal PFE 1 (Prioritization of Projects) shall be measured utilizing the following performance indicators:

- Vet major investments through vigorous review outlined in the Data, Inventory and Analysis for this Element.
- Efforts taken to inform and involve the public in capital improvement programming and facilities planning.

**Objective PFE 1.1** Public information campaigns shall be used to provide public awareness of and encourage involvement in the methods used to determine public improvement activities.

**Policy PFE 1.1.1** The City will promote public knowledge and understanding of public facilities and infrastructure planning through continuation of the following practices: display of system maps for water, sewer, and drainage in City Hall; availability of the most current Five-Year Capital Improvement Plan; and provision of information regarding water conservation, solid waste disposal, and other subjects related to public facilities on the City’s website.

**Policy PFE 1.1.2** Public input shall be solicited annually during winter months through testimony at public hearings to identify geographically which areas are most in need of improvements. These public hearings shall be advertised and held before the Planning and Zoning Board (Local Planning Agency).

**Policy PFE 1.1.3** Criteria, as identified in the Capital Improvement Element, shall be followed in the establishment of priorities for construction of public facilities. On an annual basis, the Planning & Zoning Board (Local Planning Agency) shall forward to the City Commission a listing of new or revised priorities with written findings as to the relationship of projects to those criteria.

**GOAL PFE 2 POTABLE WATER.**

**POTABLE WATER FACILITIES SHALL BE PLANNED FOR AND PROVIDED TO ACCOMMODATE DEMANDS BOTH IN TERMS OF QUANTITY AND QUALITY IN CONSIDERATION OF THIS LIMITED RESOURCE AND THE LIMITED SOURCES OF CAPITAL.**

**Performance Measures:** Success in addressing the Objectives and Policies of Goal PFE 2 (Potable Water) shall be measured utilizing the following performance indicators:

- Water consumption per capita and total
- Diversity of water supply
- Decrease in amount of citizen complaints

**Objective PFE 2.1** To preserve and protect the City's water supply, the City shall provide for increasing groundwater withdrawals and reducing the potential of decreased capacity through salt water intrusion and/or extended drought conditions through optimum use of existing wells, development of new wells and development of alternative technologies and methods of providing water.

**Policy PFE 2.1.1** The City shall promote continued effluent reuse with the ultimate goal of reclaiming and reusing more reclaimed water from the wastewater treatment plant for irrigation.

**Objective PFE 2.2** To ensure that potable water is available to meet consumption demands, a reduction in demand by five percent through year-round conservation and treatment plant enhancement shall be achieved.

**Policy PFE 2.2.1** The City shall maintain its program of responsible consumption of water and shall strive to decrease the overall per capita consumption of water through continued implementation of the following techniques and programs:

- Maintaining its water rate structure, which establishes an inverted block rate structure to set higher consumption rates for increased water use to promote reductions in water consumption.
- Establishing conservation surcharges, based on South Florida Water Management District formulae, and keyed to various levels of drought alert.

- Mandating use of wells for irrigation purposes where conditions permit.
- Continuing enforcement of water use laws.
- Considering Florida-friendly landscaping alternatives for all new development during the review of site and development plans.
- Continuing the regular preventive maintenance program for water mains, pumps and meters.
- Continuing and expanding the reclaimed water system.
- Participating in SFWMD's Conservation Hotel and Motel Program (CHAMP) to promote water conservation for many of the City's hotels.

**Policy PFE 2.2.2** The City's water treatment facility shall perform at the Level of Service identified in the Capital Improvements Element.

**Policy PFE 2.2.3** New development shall be obliged to provide water system improvements to accommodate increased demand and to meet the City's minimum design standards concurrent with development.

**Objective PFE 2.3** The City shall ensure that an adequate water supply is available to meet existing and projected potable water needs in emergency and nonemergency situations.

**Policy PFE 2.3.1** Existing wellfields shall be protected through the continued implementation of monitoring for salt water intrusion, wastewater pretreatment programs and monitoring wells, and enhanced quality control programs which provide early detection of possible contamination.

**Objective PFE 2.4** The City shall provide for the enhancement of the quality of its water, as measured by the Florida Department of Environmental Protection standards.

**Policy PFE 2.4.1** The City shall maintain provisions in the program for raw water supply to require only minimal reliance upon wells which are subject to saltwater intrusion.

**Policy PFE 2.4.2** Annual consumer confidence reports which describe the current condition of potable water, including at a minimum, water

quality, consumption trends, and treatment methods, shall be distributed to residents.

**Policy PFE 2.4.3** Whenever the opportunity occurs to uncover or examine an existing water main, an inspection shall be conducted to evaluate the potential presence of asbestos cement in the main. The results of each such inspection shall be logged and made a part of the Operation and Maintenance Plan.

**Policy PFE 2.4.4** The City shall assist in discouraging urban sprawl within areas of County jurisdiction by denying requests to make water service available outside its Planning Area to areas which could be developed at low density.

**Policy PFE 2.4.5** The City shall continue to meet the EPA stage 2 disinfection by-product rule requirements.

**Policy PFE 2.4.6** The City shall adopt and maintain a Water Supply Facilities Work Plan for at least a 10-year period, based on the availability and appropriate use of regional water resources and the combined use of alternative water supplies to diversify the City's source of water and reduce dependence on the surficial aquifer. The Work Plan shall be consistent with the City's Water Use Permit renewals.

**Policy PFE 2.4.7** The City shall consider the most current version of South Florida Water Management District's Lower East Coast Water Supply Plan and Regional Water Plan in developing a Water Supply Facilities Work Plan. The Work Plan will be updated within 18 months following an update of the Regional Water Supply Plan, pursuant to F.S. 163.3177(6)(c)3.

**Policy PFE 2.4.8** The City will coordinate population projections and water demand planning with the Town of Gulfstream, to which the City provides water service through an interlocal agreement.

**Policy PFE 2.4.9** The City will use the Water Supply Facilities Work Plan to prioritize and coordinate improvements to the City's water supply system.

**Policy PFE 2.4.10** The City will maintain a current five-year schedule of capital improvements to the Water Supply System.

**GOAL PFE 3      WASTEWATER MANAGEMENT.**

**WASTEWATER TREATMENT FACILITIES WILL OPERATE EFFECTIVELY TO COLLECT, TREAT, AND PROPERLY DISPOSE OF SYSTEM BIPRODUCTS.**

**Performance Measures:** Success in addressing the Objectives and Policies of Goal PFE 3 (Wastewater Management) shall be measured utilizing the following performance indicator:

- Increase in amount of reclaimed water used
- Increase in availability of reclaimed water systems
- Decrease or elimination of point source pollution from wastewater runoff and wastewater.

**Objective PFE 3.1** Specific programs to mitigate the adverse impacts of point sources of pollution from wastewater runoff shall be developed and implemented by the City and the South Central Regional Wastewater Treatment and Disposal Board, as appropriate.

**Policy PFE 3.1.1** The City shall maintain compliance with National Pollutant Discharge Elimination System (NPDES) standards.

**Policy PFE 3.1.2** The City shall eliminate any waste discharge into the Intracoastal Waterway and Atlantic Ocean, and reuse at least 60% of wastewater by 2025 through reclaimed water systems, pursuant to the 2008 Leah B. Schaad Ocean Outfall Act guidelines.

**Objective PFE 3.2** Specific programs to mitigate the adverse impacts of point source pollution from wastewater shall be developed and implemented by the City and the South Central Regional Wastewater Treatment and Disposal Board.

**Policy PFE 3.2.1** Programming of improvements to the sewer system shall place a high priority upon the rehabilitation of portions of the original system that experience infiltration and leakage.

**Policy PFE 3.2.2** The City, through the South Central Regional Wastewater Treatment Facility Board, shall continue to monitor the area of effluent reuse with the ultimate goal of reclaiming and reusing more reclaimed water from the wastewater treatment plant for irrigation. Priorities for expansion should be on golf courses in the City, large home owner associations on master meters, and in the Coastal Planning Area. The City shall expand the reclaimed water system to

comply with SFWMD Consumptive Use Permit conditions and the FDEP Ocean Outfall Legislation.

**Policy PFE 3.2.3** The City will explore expansion of the reclaimed water distribution system.

**Policy PFE 3.2.4** Reclaimed water shall be used a water conservation measure.

**GOAL PFE 4      SANITARY SEWER COLLECTION AND WATER DISTRIBUTION SYSTEMS.**

**SANITARY SEWER COLLECTION AND WATER DISTRIBUTION SYSTEMS SHALL BE PROVIDED AND MAINTAINED TO ADEQUATELY SERVE THE EXISTING POPULATION AND EXTENDED TO UNSERVED AREAS WITHIN THE CITY'S PLANNING AREA, AND WHICH PROVIDES FOR THE PROTECTION OF THE ENVIRONMENT.**

**Performance Measures:** Success in addressing the Objectives and Policies of Goal PFE 4 (Sanitary Sewer Collection and Water Distribution Systems) shall be measured utilizing the following performance indicators:

- Decrease in percentage of water inflow and infiltration
- Completion of energy efficiency projects
- Completion of projects that support overall system efficiency
- Decrease in the number of resident complaints
- Extension of facilities and amount of properties served.

**Objective PFE 4.1** The condition and inventory of the water and sewer systems shall be kept current through regular updates of the City atlas and surveillance programs.

**Policy PFE 4.1.1** The water distribution system atlas shall be continuously maintained to reflect the current system inventory. Operational characteristics will be maintained utilizing an asset management program in the planning of system extensions and upgrade requirements.

**Policy PFE 4.1.2** The wastewater collection and transmission system atlas shall be continuously maintained to reflect current system inventory. Operational characteristics will be monitored by radio telemetry and surveillance programs, and shall be used in the planning of system extensions upgrade requirements.

**Objective PFE 4.2** The City will improve its water distribution and wastewater collection system to enhance capacity and reduce and eliminate infiltration and leakage.

**Policy PFE 4.2.1** The City will implement the improvements identified in a study which determined the total program cost of remedial work needed for wastewater lines and lift stations, and to correct problems with inflow and infiltration.

**Policy PFE 4.2.2** The City will implement the improvements identified in a study which determined the total program cost of remedial work needed to correct deficiencies in existing water lines.

**Objective PFE 4.3** Installation of wastewater collection facilities shall be programmed and provided when the need is demonstrated.

**Policy PFE 4.3.2** Upgrades of existing wastewater facilities shall be programmed through annual appropriations in the capital improvement program.

**Policy PFE 4.3.1** New development shall be responsible for extending sewer service to and through the land to be developed. These extensions shall meet the City's performance standards.

**Objective PFE 4.4** Installation of potable water distribution facilities shall be programmed and provided when the need is demonstrated.

**Policy PFE 4.4.1** Upgrades of existing potable water facilities shall be provided for through annual appropriations in the capital improvement program.

**Policy PFE 4.4.2** New development shall be responsible for extending water service to and through the land to be developed. These extensions shall meet the City's performance standards.

**Policy PFE 4.4.3** Existing septic tanks located in areas with access to city sewer systems shall discontinue use and connect to the City's system, pursuant to Florida Statutes. Septic systems subject to flooding, or with chronic drainfield problems, shall be abandoned and connection shall be made to the central sewer system.

**Objective PFE 4.5** Capital raised through the water and sewer enterprise funds shall be allocated as required by bond covenants.

**Policy PFE 4.5.1** Transfers from enterprise funds to the general fund are made only for the fund's proportionate share of administrative costs and an in-lieu of tax payment.

**Policy PFE 4.5.2** Annual allocations shall be provided for upgrading system components (i.e. manholes, hydrants, etc.) in the Water and Sewer Renewal and Replacement Fund.

**Policy PFE 4.5.3** Upgrades of existing systems to construction and level of service standards and extension of new facilities to unserved, inhabited areas shall be financed through appropriations in the Water and Sewer New Capital Outlay Fund.

**Policy PFE 4.5.4** Project prioritization shall also consider other improvement projects (e.g. street construction and drainage).

**Objective PFE 4.6** In its role with the South Central Regional Waste Water Treatment and Disposal Board, the City Commission shall examine cost effective ways in which capital improvements have the least economic impact on property owners within the city.

**Policy PFE 4.6.1** The Level of Service of the waste water treatment plant is established, as identified in the Capital Improvements Element, and is also subject to the specific requirements of the City of Boynton Beach.

**Policy PFE 4.6.2** Commitments by the South Central Regional Waste Water Treatment and Disposal Board for capital expansion at the wastewater treatment plant are based on a 50%/50% cost sharing by the City of Delray Beach and the City of Boynton Beach. Costs related to operating the plant are based on the usage of Delray Beach and Boynton Beach respectively (currently Delray Beach 40% and Boynton Beach 60%).

**Policy PFE 4.6.3** Average and peak flow design capacity for the Regional Wastewater Treatment Plant are identified in the Capital Improvements Element. Capacity needs shall be monitored by the South Central Wastewater Regional Treatment Plant Board.

**GOAL PFE 5            STORMWATER MANAGEMENT AND FLOOD PREVENTION AND MITIGATION.**

**PROPERTY DAMAGE AND INCONVENIENCE TO THE PUBLIC CREATED BY FLOODING, POOR STREET DRAINAGE CONDITIONS, OR SEA LEVEL RISE SHALL BE MITIGATED BY PLANNING AND IMPLEMENTATION OF PERIL OF FLOOD MITIGATION STRATEGIES THROUGHOUT THE CITY.**

**Performance Measures:** Success in addressing the Objectives and Policies of Goal PFE 5 (Stormwater Management and Flood Prevention and Mitigation) shall be measured utilizing the following performance indicator:

- Reduced occurrences of flooding
- Project completed to decrease flood impacts and mitigate flooding
- Completed analysis of facilities for flooding potential

**Objective PFE 5.1** A capital improvement program directed specifically to stormwater management has been adopted by the City Commission, and capital projects identified in that program shall be implemented with funding from the Stormwater Utility Fee.

**Policy PFE 5.1.1** Criteria for determining project priorities shall be as defined in the Stormwater Master Plan, and based upon correcting current, localized problems. The City shall allocate funds necessary to update the Stormwater Master Plan on a regular basis.

**Policy PFE 5.1.2** The scope of stormwater management projects shall be determined by minimum design standards that establish a level of service to protect water quality, at least equal to the standard of retaining the first one inch of runoff for the entire site, or 2.5 inches of water storage times the percentage of impervious area, whichever is greater.

**Policy PFE 5.1.3** Storm water management regulations will provide for the protection of natural drainage features and ensure that development Provides compensating or “net neutral” storage for areas below the 100-year storm elevation, to ensure no loss in storage for the basin below the 100-year stage. Calculations of predevelopment storage must be equal to or greater than post development storage.

**Policy PFE 5.1.4** The City shall maintain through regulations the minimum design storm return frequency for stormwater facilities capacity.

**Policy PFE 5.1.5** The City shall protect and enhance surface water quality through the full implementation of programs and activities included in the National Pollutant Discharge Elimination System (NPDES) permit.

**Policy PFE 5.1.6** The City shall maintain a stormwater mapping system and maintenance program for storm sewers and structures.

**Policy PFE 5.1.7** Drainage improvements and flood control projects shall be located throughout the City as opposed to being concentrated in a single quadrant. The Stormwater Utility Fee shall be reassessed upon completion of the program.

**Policy PFE 5.1.8** The City will develop regulations to reduce stormwater runoff through strategies such as pervious paving in alleys and on-site storage of the “first flush” or first 1”-2” of rainfall.

**Policy PFE 5.1.9** At the time of street upgrades, the City shall implement methods to prevent street flooding and ponding during storms on critical streets.

**Objective PFE 5.2** The City will advance conservation measures, water management strategies, and infrastructure improvements necessary to mitigate for adverse impacts of climate change and sea level rise on water supplies, water and wastewater infrastructure, and water management systems, according to industry best practice standards.

**Policy PFE 5.2.1.** To preserve the natural resources that play a vital role in the City’s economy and lifestyle, the City will implement monitoring, management, and conservation programs designed to protect natural systems and improve their capacity for climate adaption.

**Policy PFE 5.2.2.** The City will reduce greenhouse gas emissions by planning, designing, and prioritizing walkable, affordable communities supported by sustainable multimodal transportation options.

**Policy PFE 5.2.3.** The City will communicate the risks to residents and stakeholders related to climate change and the value of adopting policies and practices to achieve resilience throughout the region.

**Policy PFE 5.2.4.** The City will protect public facilities from the effects of sea level rise by restricting investments to public facilities within the coastal high hazard area / adaptation action area.

**Policy PFE 5.2.5.** The City will evaluate upgrades necessary for City Hall and any public facilities in the coastal high hazard area / adaptation action area, to ensure future sustainability, both from sea level rise and storm events.

**Policy PFE 5.2.6** The City shall explore the use of Living Shorelines and green infrastructure as adaptation action strategies.

**Policy PFE 5.2.7** The City shall continue beach renourishment and routine seawall maintenance, and evaluate the need for additional protective measures.

**Policy PFE 5.2.8:** The City shall engage the South Florida Water Management District and other water officials in the development and update of regional flood resilience models, and guide planning and investments for future flood and climate conditions based on anticipated adjustments to water management operations.

**GOAL PFE 6            SOLID WASTE SYSTEMS.**

**SOLID WASTE DISPOSAL FACILITIES WILL REDUCE SOLID WASTE AS A CONSERVATION MEASURE WHILE PROVIDING A SAFE, FUNCTIONAL, ECOLOGICALLY SOUND, AESTHETICALLY PLEASING AND SUSTAINABLE PHYSICAL ENVIRONMENT THROUGHOUT THE CITY.**

**Performance Measures:** Success in addressing the Objectives and Policies of Goal PFE 6 (Solid Waste Systems) shall be measured utilizing the following performance indicators:

- Increase in recycled waste
- Landfill space available

**Objective PFE 6.1** Environmentally sound procedures shall be included in programs to address the collection and disposal of solid waste.

**Policy PFE 6.1.1** The City shall support the continued operation of the "transfer" station for the collection of small amounts of hazardous substances, and public outreach on the identification and proper disposal of household hazardous waste.

**Policy PFE 6.1.2** To maintain the lifespan of the landfill, the City shall maintain the Level of Service for solid waste generation as identified within the Capital Improvements Element.

**Policy PFE 6.1.3** The City shall increase its involvement in recycling programs available to residents and business owners.

**GOAL PFE 7            TRANSPORTATION AND MOBILITY.**

**PROVIDE MULTIMODAL TRANSPORTATION FACILITIES FOR ALL TO PROVIDE MOBILITY CHOICES TO USERS OF ALL AGES AND PHYSICAL ABILITIES AND TO PROVIDE A FRAMEWORK THAT BALANCES THE PHYSICAL NEEDS OF ALL MODES OF TRANSPORTATION TO MAINTAIN AND ENHANCE THE CHARACTER OF THE CITY, ITS CORRIDORS, DISTRICTS, AND NEIGHBORHOODS.**

**Performance Measures:** Success in addressing the Objectives and Policies of Goal PFE 7 (Transportation and Mobility) shall be measured utilizing the following performance indicators:

- Increase in weekday transit ridership
- Efficient travel times and volumes for key auto and key transit corridors
- Reduction of deficient roads
- Increase in residents located within a 10-minute walk from daily commercial needs
- Increase in residents located within a ¼ mile of bus stops
- Efficient number of total stops on transit
- Increase in lane miles repaired and/or installed
- Increase in sidewalks repaired and/or installed
- Increase in planned and/or constructed bike lanes
- Increase in improved alleys and appropriate assessment for multi-modal use.
- Increase in planned or completed streetscape projects which incorporate landscaping, lighting, street furniture, etc.
- Increase in number of bus shelters provided.
- Use of public parking facilities, and assessment completed to determine additional facilities.
- Increase in green infrastructure projects completed

**Objective PFE 7.1** The street system under the City’s jurisdiction shall be maintained and enhanced to provide a safe and convenient multi-modal transportation network throughout the City.

**Policy PFE 7.1.1** The City shall program installation of sidewalks on an annual basis, with the goal of completing a safe and convenient American’s with Disabilities Act (ADA) compliant sidewalk system throughout the City by the year 2030.

**Policy PFE 7.1.2** The City shall adhere to the Complete Streets Policy adopted November 1, 2016.

**Policy PFE 7.1.3** The City will create a system of wayfinding signs throughout the downtown.

**Policy PFE 7.1.4** The City shall identify roads and public space for beautification, and include improvements in the capital budgeting process.

**Policy PFE 7.1.5** To improve public safety, the City shall evaluate streets in need of lighting improvements, determine associated costs, and prioritize phasing.

**Policy PFE 7.1.6** The program of reconstructing and resurfacing streets shall be maintained with a funding level that brings all roadways to an overall condition index (OCI) above 70 by 2030.

**GOAL PFE 8 PUBLIC OFFICE FACILITIES AND SERVICES.**

**THE CITY SHALL IMPLEMENT A COORDINATED AND COMPREHENSIVE PROGRAM FOR THE PROVISION OF OFFICE FACILITIES FOR THE CONDUCT OF CITY BUSINESS.**

**Performance Measures:** Success in addressing the Objectives and Policies of Goal PFE 8 (Public Office Facilities and Services) shall be measured utilizing the following performance indicators:

- Development and implementation of a strategic asset management plan
- Effectiveness of facility maintenance

**Objective PFE 8.1** A comprehensive program shall be implemented to maintain and upgrade existing public facilities to a state of the art level of service and improve the appearance of the facilities.

**Policy PFE 8.1.1** The City shall maintain and repair buildings and facilities, including such improvements as roof replacement and major structural repair, in a timely manner to ensure the viability of the facility.

**Policy PFE 8.1.2** The City shall replace irreparable or obsolete buildings and facilities, and upgrade existing facilities to maintain their established level of service to the community.

**Policy PFE 8.1.3** The City shall consider alternatives which increase sustainability and resiliency when making improvements and repairs to all facilities.

**GOAL PFE 9            EMERGENCY PREPAREDNESS.**

**DAMAGE TO PUBLIC FACILITIES AND DISRUPTION OF SERVICES TO THE PUBLIC DUE TO NATURAL OR OTHER DISASTERS WILL BE MINIMIZED BY PRE-DISASTER FACILITIES PLANNING.**

**Performance Measures:** Success in addressing the Objectives and Policies of Goal PFE 9 (Emergency Preparedness) shall be measured utilizing the following performance indicators:

- Preparation, completion, and implementation of a Continuity of Operations Plan (COOP); effectiveness of execution of COOP (if needed)

**Objective PFE 9.1** The City will implement programs to “harden” facilities and prevent disruption of service as a result of a natural or other disaster.

**Policy PFE 9.1.1** All major repairs, reconstruction, or new construction of public facilities shall include design features to “harden” the facility and to add, where appropriate, self-sustaining energy source (i.e. solar) to enable these facilities to continue to provide services and be used as a safe haven during storm events.

**Policy PFE 9.1.2** The City will plan for and work with others to upgrade the information/technology (IT) infrastructure in the City to assist with rapid post-disaster recovery.

**Policy PFE 9.1.3.** The City shall develop and maintain a Public Works Department Continuity of Operations plan and provide ongoing training for the use and implementation of the plan.

**PFE 9.1.4** The Public Works Department shall develop a post disaster recovery plan for “all hazards,” natural (excessive heat, drought, flood, hurricanes, storms) and man-made disasters (chemical spill, large event attack, terrorist attacks, attacks on public infrastructure).

**Policy PFE 9.1.5** The City shall plan for, construct, and maintain an emergency operations center (EOC) with a brick and mortar facility, staff, equipment, technology, and training that will meet current and estimated future needs of the City of Delray Beach.

**Objective PFE 9.2** The City will execute the steps outlined in the adopted COOP, as needed, for each event to ensure efficient and timely planning before, during, and after an event.

**Policy PFE 9.2.1** The City shall ensure that all facilities, roadways, and public services are prepared for an event.

**Policy PFE 9.2.2** The City shall take the available and appropriate steps to ensure the safety of its residents and emergency personnel during an event.

**Policy PFE 9.2.3** The City shall ensure that damage and impacts from the event are assessed immediately following the event.

**Policy PFE 9.2.4** The City shall take the appropriate steps to ensure a timely clean-up and restoration of the community support and continuity of operations for city services for all residents and businesses.

**Policy PFE 9.2.5** The City shall coordinate with FEMA to ensure appropriate assistance is provided to the City and its residents based on the impact of the event.

**Policy PFE 9.2.6** The City shall evaluate and assess the actions taken before, during, and after the event to address any issues or concerns, as well as areas of improvement and strength to ensure readiness for the new event.

**Appendix A:**  
**Water Supply Facilities Work Plan Sub-Element**  
(The 2015 Water Supply Facilities Work Plan Sub-Element is attached as an  
Appendix)