

INFRASTRUCTURE ELEMENT

Goals, Objectives, and Policies

Goal 1 To provide and maintain the public infrastructure in a manner that will insure public health, safety and quality of life.

SANITARY SEWER

Objective 1.1 ~~Require extension of the County sanitary sewer line and the provision of a sewer pump station to serve the redevelopment of the Little Farm Trailer Park site. Provide an effective sanitary sewer treatment that meets the Village's present and future needs, is cost-effective, protects public health and the built environment.~~

Policy 1.1.1 ~~Vacant single-family residential lots can have septic tanks installed provided that a connection to sanitary sewer shall be required upon availability of such service.The Village shall require new development east of the railroad to provide tie-in capability for a sanitary sewers and require sewer line extension if any redevelopment project building generates more than 1,500 gallons of sewage per day.~~

Policy 1.1.2 When requesting a permit for a new building that will utilize septic tanks, the developer shall provide a soil survey.

Policy 1.1.3 ~~Require extension of the County sanitary sewer line and the provision of a sewer pump station to serve the redevelopment of the former Little Farm Trailer Park site.~~

Policy 1.1.4 ~~The Village shall require new development east of the railroad to provide tie-in capability for a sanitary sewer and require sewer line extension if any redevelopment project building generates more than 1,500 gallons of sewage per day.~~

CONCURRENCY MANAGEMENT

Objective 1.2 The Village shall continue to implement its concurrency requirements as specified in this Comprehensive Plan and in the Land Development Regulations, and other appropriate strategies, in order to provide and maintain the adopted levels of service standards during the planning period, and to ensure that new or expanded facilities (as needed) are provided concurrent with new development or redevelopment that will result in increased intensity of use.

Policy 1.2.1 Drainage: Drainage facilities shall conform with the design criteria established in the ~~2002-2019~~ Stormwater Master Plan in order to meet the

detailed Level of Service standard established therein.

Policy 1.2.2 Sewage: Septic tanks shall be the level of service. To assure adequate level of service, sanitary sewer facilities shall meet the following level of service standards as identified in the Miami-Dade County Water and Sewer Department goals: The County-wide “maximum day flow” of the preceding year shall not exceed 102 percent of the County treatment system’s rated capacity.

Policy 1.2.3 Solid Waste: Provide residential collection service on a twice a week schedule with a capacity to accommodate 5.0 pounds per person per day.

Policy 1.2.4 Potable Water: Through an interlocal agreement with the County, the Village’s water distribution system shall provide 100 gallons per person per day at no less than 20 pounds per square inch and shall meet the minimum fire flow rates set by the County in their Comprehensive Plan Element. To assure adequate level of service, potable water facilities shall meet the following level of service standards as identified in the Miami-Dade County Water and Sewer Department goals:

(a) The regional treatment system shall operate with a rated maximum daily capacity no less than 2 percent above the maximum daily flow for the preceding year, and an average daily capacity 2 percent above the average daily system demand for the preceding 5 years. The maximum daily flow shall be determined by calculating the average of the highest five single day flows for the previous 12 months.

(b) Water shall be delivered to users at a pressure no less than 20 pounds per square inch (psi) and no greater than 100 psi. Unless otherwise approved by the Miami-Dade Fire Rescue Department, minimum fire flows based on the land use served shall be maintained as follows:

| <u>Land Use</u> | <u>Min. Fire Flow (gpm)</u> |
|--|-----------------------------|
| <u>Single Family Residential Estate</u> | <u>500</u> |
| <u>Single Family and Duplex; Residential on minimum lots of 7,500 sf</u> | <u>750</u> |
| <u>Multi-Family Residential; Semiprofessional Offices</u> | <u>1,500</u> |
| <u>Hospitals; Schools</u> | <u>2,000</u> |
| <u>Business and Industry</u> | <u>3,000</u> |

POTABLE WATER

Objective 1.3 The Village shall support, as appropriate, Miami-Dade County’s development and implementation of the 20-Year Water Supply Facilities Workplan required by Florida Statute, and the water conservation efforts of other agencies.

Policy 1.3.1 The Village shall implement measures, as appropriate, such as the regulations proposed by the South Florida Water Management District for use during periods of potable water supply shortages.

Policy 1.3.2 The Village will coordinate appropriate aspects of its Comprehensive Plan with the South Florida Water Management District's regional water supply plan.

Policy 1.3.3 The Miami-Dade County 20-Year Water Supply Facilities Work Plan, as prepared by the Miami-Dade County Water and Sewer Department, dated November, 2014 is incorporated by reference into the Village of El Portal's Comprehensive Plan.

DRAINAGE

Objective 1.4 Protect the Village's natural drainage and recharge areas and the existing stormwater network from the impacts of construction and development.

Policy 1.4.1 Through implementation of its Land Development Regulations the Village will protect the drainage system and assure adequate ~~previous pervious~~ areas in conjunction with new development.

Policy 1.4.2 Enforce the prohibition of illegal homeowner paving within the right of way; ponding often results.

Policy 1.4.3 The Village shall seek funding through stormwater assessment fees or other sources in order to implement the stormwater drainage projects recommended in the ~~2002-2019~~ Stormwater Master Plan ~~by 2015~~, and to: 1) adhere to a monthly maintenance schedule of cleaning stormwater facilities; 2) obtain easements for future discharge points to Little River Canal; 3) develop swales in available right-of-ways, and; 4) educate the community on stormwater drainage issues, including guidelines for grass clippings and debris removal, lawn fertilization with regards to pollutant impacts on Little River canal, and discouraging automobile and boat cleaning and repair in the vicinity of open waterways and stormwater facilities.

SOLID WASTE

Objective 1.5 The Village shall continue to provide safe, efficient, and effective solid waste collection services to all establishments within the Village boundary and ~~The Village~~ shall attempt to reduce solid waste for traditional landfill disposal ~~by 30 percent by 2015~~ by promoting a recycling program.

Policy 1.5.1 The Village shall work with the County and private contractor to achieve recycling capabilities (newspapers, cans, etc.) and then promote this service.

Policy 1.5.2 The Village shall encourage the recycling of materials through public information programs.

Objective 1.6 The Village of El Portal shall prepare a 10-year Water Supply Facilities Work Plan by ~~2012~~2021. The Village of El Portal Water Supply Facilities Work Plan will be written to: assess current and projected potable water demands; evaluate the sources and capacities of available water supplies; and, identify those water supply projects, using all available technologies, necessary to meet the Village's water demands for a 10-year period.

Policy 1.6.1 ~~The Village will incorporate the 10-year Water Supply Facilities Work Plan into the Village Comprehensive Plan by 2012. The Village shall maintain a long-term contract with Miami-Dade County and/or any private entity regarding the safe and economical disposal of solid waste.~~

Policy 1.6.2 ~~The Village will coordinate appropriate aspects of its Comprehensive Plan with the South Florida Water Management District's regional water supply plan. The El Portal Public Works Departments shall monitor its solid waste operation to ensure that it is safe, customer-friendly, and cost-efficient.~~

~~Policy 1.6.3 The Miami-Dade County Water Supply Facilities Work Plan, as prepared by the Miami-Dade County Department of Water and Sewer, dated July, 2007 and revised April, 2008 is incorporated by reference into the Village of El Portal's Comprehensive Plan.~~