

# Chapter 3

## Infrastructure Element

### Goals, Objectives and Policies

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Unified Sumter County/Center Hill/Webster  
Comprehensive Plan

**Chapter 3 – Infrastructure Element Goals, Objectives and Policies**

**UNIVERSAL GOALS, OBJECTIVES AND POLICIES .....3**

**POTABLE WATER.....3**

**Goal 3.1 Potable Water..... 3**

**Objective 3.1.1 Potable Water.....3**

**Policy 3.1.1.1 Standards for Potable Water Well fields and Distribution System Construction .....3**

**Policy 3.1.1.2 Potable Water Level of Service.....3**

**Policy 3.1.1.3 Well Field Review.....4**

**Policy 3.1.1.4 Mandatory Potable Water System Connection .....4**

**Policy 3.1.1.5 Extension of Municipal Potable Water Services into Unincorporated Areas .....4**

**Policy 3.1.1.6 Potable Water Supplies Coordination with Regional Water Supply Plans .....4**

**Policy 3.1.1.7 Potable Water Conservation Coordination .....5**

**Policy 3.1.1.8 Potable Water Conservation Strategies .....5**

**Policy 3.1.1.9 Consideration of Wastewater Reuse for New Development .....5**

**SEWER/WASTEWATER .....5**

**Goal 3.2 Sewer/Wastewater..... 5**

**Objective 3.2.1 Sewer/Wastewater .....5**

**Policy 3.2.1.1 Support of Studies of Effects of Septic Systems on Potable Water Supply and Surface Water  
6**

**Policy 3.2.1.2 Extension of Municipal Sewer Services into Unincorporated Areas .....6**

**Policy 3.2.1.3 Mandatory Sewer System Connection .....6**

**Policy 3.2.1.4 Sewer/Wastewater Level of Service .....6**

**Policy 3.2.1.5 Municipal Service Taxing Units or Municipal Service Benefit Units for Sewer Services .....6**

**Policy 3.2.1.6 Protection of 100-year Floodplain and Other Sensitive Areas from Septic Tanks .....7**

**SOLID WASTE.....7**

**Goal 3.3 Solid Waste..... 7**

**Objective 3.3.1 Solid Waste .....7**

**Policy 3.3.1.1 Solid Waste Level of Service .....7**

**Policy 3.3.1.2 Hazardous Waste Amnesty Days .....7**

**STORMWATER DRAINAGE.....7**

**Goal 3.4 Stormwater Drainage..... 7**

**Objective 3.4.1 Stormwater Drainage .....7**

**Policy 3.4.1.1 Stormwater Drainage System Design Standards .....8**

**Policy 3.4.1.2 Stormwater Drainage Level of Service .....8**

**Policy 3.4.1.3 Site Plan Review for Natural Drainage Features .....8**

**Policy 3.4.1.4 100-Year Floodplain Densities .....8**

**Policy 3.4.1.5 100-Year Floodplain Filling Compensation .....8**

**Policy 3.4.1.6 Prioritization of Stormwater Drainage Needs .....8**

**Policy 3.4.1.7 Stormwater System Management System .....8**

**NATURAL GROUNDWATER AQUIFER RECHARGE AREAS .....9**

**Goal 3.5 Natural Groundwater Aquifer Recharge Areas..... 9**

**Objective 3.5.1 Natural Groundwater Aquifer Recharge Area Protection.....9**

        Policy 3.5.1.1 Historic Rates of Aquifer Recharge.....9

        Policy 3.5.1.2 Impervious Surface Restrictions.....9

        Policy 3.5.1.3 SWFWMD Drainage Facility Design Standards.....9

        Policy 3.5.1.4 Protection of Existing and Proposed Public Well Field Locations.....9

**UNINCORPORATED AREA SPECIFIC GOALS, OBJECTIVES AND POLICIES .....9**

**Goal 3.1U Potable Water..... 9**

**Objective 3.1.1U Potable Water .....9**

        Policy 3.1.1.1U Extension of Municipal Potable Water Services into Unincorporated Areas .....10

**Goal 3.2U Sewer/Wastewater..... 10**

**Objective 3.2.1U Sewer/Wastewater.....10**

        Policy 3.2.1.1U Extension of Municipal Sewer Services into Unincorporated Areas.....10

**Goal 3.3U Solid Waste ..... 10**

**Objective 3.3.1U Solid Waste .....10**

        Policy 3.3.1.1U Provision of Disposal Facility.....10

        Policy 3.3.1.2U Solid Waste Funding Priorities .....10

        Policy 3.3.1.4U Monitoring of Capacity.....11

**CITY OF CENTER HILL AREA SPECIFIC GOALS, OBJECTIVES AND POLICIES .....11**

**CITY OF WEBSTER AREA SPECIFIC GOALS, OBJECTIVES AND POLICIES.....11**

Universal Goals, Objectives and Policies

POTABLE WATER

**Goal 3.1 Potable Water**

Assure through appropriate measures that an adequate supply of potable water is available to meet the needs of present and future residents and businesses in an economically and environmentally sound manner.

**Objective 3.1.1 Potable Water**

Assure that potable water systems are designed and constructed consistent with sound potable water management practices by facilitating coordination of potable water management and supply planning, potable water quality and land use planning.

**Policy 3.1.1.1 Standards for Potable Water Well fields and Distribution System Construction**

The County and Cities shall maintain standards for potable water well fields and distribution system construction.

**Policy 3.1.1.2 Potable Water Level of Service**

The County and Cities hereby adopt the following level of service standards (LOS) for potable water system capacity design:

- a. Unincorporated – 194 gallons per day/capita
- b. City of Center Hill – 70 gallons per day/capita
- c. City of Webster – 118 gallons per day/capita
- d. The average daily flow rate shall be 150 gallons per capita per day;
- e. Maximum day flow rate shall be calculated as 2.5 times the average daily flow rate;
- f. Peak Hour flow rate shall be calculated as 3.5 times the average daily flow rate;
- g. Where a separate system supplying non-potable water for irrigation use exists, the potable water LOS on a per capita per day basis may be reduced subject to approval by the County or Cities. The potable water system shall maintain a maximum daily flow 2.5 times the average daily flow and a peak hour rate of 3.5 times the average daily flow; and

- h. No development orders or permits shall be issued for a project if they are unable to meet the required potable water LOS or are unable to comply with the potable water policies set forth herein.

**Policy 3.1.1.3 Well Field Review**

Well fields under consideration for rezoning shall be reviewed in accordance with the well field criteria set forth in the potable water policies, contained herein, and with the best available hydrologic information in order to minimize adverse environmental impacts.

**Policy 3.1.1.4 Mandatory Potable Water System Connection**

The County and Cities shall require mandatory connection to public water supply systems within established potable water service areas and the service is available.

**Policy 3.1.1.5 Extension of Municipal Potable Water Services into Unincorporated Areas**

The County and Cities shall cooperate in the extension of municipal water systems into the unincorporated areas of the county utilizing Chapter 180, Florida Statutes, and consistent with the conditions of the Interlocal Service Boundary and Joint Planning Agreements (ISBA), as described in Objective 7.2 and its related policies of the Intergovernmental Coordination Element.

**Policy 3.1.1.6 Potable Water Supplies Coordination with Regional Water Supply Plans**

The County and Cities shall continue to coordinate with the Southwest Florida Water Management District (SWFWMD) for the implementation of the 2010 Regional Water Supply Plan and with the Withlacoochee Regional Water Supply Authority (WRWSA) for the implementation of the Withlacoochee Regional Water Supply Authority Master Regional Water Supply Planning and Implementation Project. The following potable water supply projects are identified by SWFWMD and the WRWSA for future enhancement of the potable water supply:

- a. Continental Country Club Reclaimed Wastewater Project;
- b. Reuse Expansion of the Bushnell Wastewater Treatment Plant;
- c. Reuse Expansion of the Little Sumter Wastewater Treatment Plant;
- d. Reuse Expansion of the North Sumter Wastewater Treatment Plant;
- e. Reuse Expansion of the Sumter Correctional Wastewater Treatment Plant;
- f. Reuse Expansion of the Wildwood Wastewater Treatment Plan;
- g. Sumter County Upper Floridian Aquifer Regional Well field (general area north of S.R. 44 and west of I-75);

**Policy 3.1.1.7 Potable Water Conservation Coordination**

The County and Cities shall continue to cooperate with the SWFWMD, WRWSA, and the University of Florida Institute of Food and Agricultural Sciences Sumter County Extension Office (IFAS) to conduct water conservation programs. These potable water conservation programs may include those identified within SWFWMD’s 2010 Regional Water Supply Plan.

**Policy 3.1.1.8 Potable Water Conservation Strategies**

At a minimum, the following potable water conservation strategies and techniques shall be implemented:

- a. Require water-saving plumbing fixtures in accordance with the Florida Building Code;
- b. Encourage the use of treated wastewater for irrigation and other non-potable purposes;
- c. Encourage the use of Florida Friendly landscaping;
- d. Conduct educational programs in cooperation with SWFWMD, WRWSA, and IFAS on potable water conservation strategies and practices;
- e. Maintain potable water construction standards to minimize leaks in potable water systems;
- f. Require new development that are a Planned Unit Development (PUD) or Development of Regional Impact (DRI) to incorporate potable water conservation features and programs to assure effective potable water conservation and provide information to the residents and businesses within the new development; and

**Policy 3.1.1.9 Consideration of Wastewater Reuse for New Development**

The County and Cities shall require all new developments with proposed central sewer systems to analyze and present the feasibility of wastewater reuse, to minimize the use of potable water for non-potable needs, concurrent with other development approvals.

SEWER/WASTEWATER

**Goal 3.2 Sewer/Wastewater**

Assure that adequate wastewater disposal services are provided to present and future residents and businesses in an economic and environmentally sound manner.

**Objective 3.2.1 Sewer/Wastewater**

Continually monitor the need for sanitary sewer facilities and upon determination of need for expansion or increase in capacity, shall plan, develop and institute corrective measures.

**Policy 3.2.1.1 Support of Studies of Effects of Septic Systems on Potable Water Supply and Surface Water**

The County and Cities shall support the efforts of any federal, state, regional, or local agency to study the effects of septic systems on the potable water supply and surface waters.

**Policy 3.2.1.2 Extension of Municipal Sewer Services into Unincorporated Areas**

The County and Cities shall coordinate efforts of the Cities to extend sewer services into the unincorporated areas of the county consistent with the provisions of the ISBA and Objective 7.2 and its related policies of the Intergovernmental Coordination Element.

**Policy 3.2.1.3 Mandatory Sewer System Connection**

The County and Cities shall require mandatory hookups in any established sewer service districts and when the sewer service is available.

**Policy 3.2.1.4 Sewer/Wastewater Level of Service**

The County and Cities hereby adopt a level of service for wastewater treatment design capacity of 100 gallons per capita per day. For existing developments already providing central sanitary sewer service, and for new developments without an existing population base and no actual flow data for an existing system, the local governing board may approve a lower level of service if the following criteria are met:

- a. The developer provides historical flow data from an existing development of the same magnitude and composition as the proposed development, to support a reduced level of service;
- b. The Florida Department of Environmental Protection (FDEP) must review and approve an application for a sewer treatment plant utilizing the historical per capita flow rates provided by the developer;
- c. Additional expansions to approved sewer plants must update and submit historic flow data to either confirm or revise the per capita flow rates and establish the level of service for design of such additions; and
- d. Upon request of the local governing board, developments already approved for less than 100 gallons per capita per day shall provide updated historical flow data.

No development orders or permits shall be issued for a project if they are unable to meet the required sewer LOS or are unable to comply with the sewer/wastewater policies set forth herein.

**Policy 3.2.1.5 Municipal Service Taxing Units or Municipal Service Benefit Units for Sewer Services**

Where necessary, the County or Cities may establish Municipal Service Taxing Units (MSTU) or Municipal Service Benefit Units (MSBU) to provide sewer systems.

**Policy 3.2.1.6 Protection of 100-year Floodplain and Other Sensitive Areas from Septic Tanks**

Septic tank densities shall be kept low enough to assure the efficiency of pollutant removal in the soil underlying the drainfield system. In 100-year floodplain areas and areas with soils with severe limitations for septic tanks, densities shall be restricted as follows: in the Urban Development Area (UDA) and other urban use areas, no more than one residential unit per five acres shall be permitted without adequate site plan review and mitigation measures to overcome the development constraints; in areas designated as Agricultural, no more than one unit per ten acres shall be permitted without adequate site plan review and mitigation measures to overcome the development constraints.

**Solid Waste**

**Goal 3.3 Solid Waste**

Provide appropriate solid waste disposal adequate to meet the needs of the residents and businesses.

**Objective 3.3.1 Solid Waste**

The County and Cities shall assure the appropriate provision of services to meet the needs of the residents and businesses in an efficient and economic manner.

**Policy 3.3.1.1 Solid Waste Level of Service**

The County and Cities hereby adopt an average of 5 pounds of solid waste per capita per day as the level of service to be provided.

**Policy 3.3.1.2 Hazardous Waste Amnesty Days**

The County shall continue to hold bi-annual Amnesty Day programs for collection of miscellaneous hazardous wastes. The County shall advertise fully to assure public awareness of the date and location. The Cities shall continue to advise the residents and businesses of the County's Amnesty Days and encourage participation.

**Stormwater Drainage**

**Goal 3.4 Stormwater Drainage**

Adequate stormwater drainage will be provided to afford reasonable protection from flooding and to prevent degradation of the quality of receiving waters.

**Objective 3.4.1 Stormwater Drainage**

The County and Cities will assure that site development activities are consistent with the level of service standards for stormwater drainage.

**Policy 3.4.1.1 Stormwater Drainage System Design Standards**

The County and Cities shall retain in its land development regulations recognized standards in the design and construction of stormwater drainage systems.

**Policy 3.4.1.2 Stormwater Drainage Level of Service**

The County and Cities hereby adopt the following level of service for stormwater drainage quantity and quality for all new development and redevelopment: All stormwater treatment and disposal facilities shall be required, as a minimum, to meet the design and performance standards established by the Southwest Florida Water Management District and Florida Department of Environmental Protection.

**Policy 3.4.1.3 Site Plan Review for Natural Drainage Features**

During the site plan review process, site plans will be reviewed for effect on natural drainage features and, if affected, compensating capacities and functions shall be required consistent with the requirements of SWFWMD.

**Policy 3.4.1.4 100-Year Floodplain Densities**

The County and Cities shall retain its land development regulations requirements to reduce allowable densities in 100-year floodplain areas to no more than one residential unit per ten acres unless adequate mitigation measures are provided, such as:

- a. No net loss of on-site 100-year flood storage capacity;
- b. Clustering of dwelling units outside of floodplain areas; and
- c. Set aside of open space.

**Policy 3.4.1.5 100-Year Floodplain Filling Compensation**

The County and Cities shall retain in its land development regulations the requirement that any filling activity within the 100-year floodplain must be mitigated by compensating storage consistent with the permitting requirements of SWFWMD.

**Policy 3.4.1.6 Prioritization of Stormwater Drainage Needs**

Stormwater drainage facility needs shall be prioritized in the formulation and implementation of the County's and Cities' annual work programs as follows:

- a. Existing needs which place public health and safety at risk;
- b. Existing needs which place values of improved property at risk; and
- c. Future needs created by new development.

**Policy 3.4.1.7 Stormwater System Management System**

The County shall develop and maintain a stormwater system management system.

## **Natural Groundwater Aquifer Recharge Areas**

### **Goal 3.5 Natural Groundwater Aquifer Recharge Areas**

The functions of the natural groundwater aquifer recharge areas within the County and Cities shall be protected and maintained.

#### **Objective 3.5.1 Natural Groundwater Aquifer Recharge Area Protection**

The County and Cities shall protect the quantity of aquifer recharge.

##### **Policy 3.5.1.1 Historic Rates of Aquifer Recharge**

Stormwater management systems shall be designed to maintain historic rates of aquifer recharge.

##### **Policy 3.5.1.2 Impervious Surface Restrictions**

Impervious surface restrictions in the land development regulations shall be consistent with maintaining historical aquifer recharge rates while providing, design flexibility in developments that utilize regional stormwater management facilities.

##### **Policy 3.5.1.3 SWFWMD Drainage Facility Design Standards**

To maintain historic aquifer recharge, the County and Cities shall utilize the drainage facility design standards utilized by the SWFWMD.

##### **Policy 3.5.1.4 Protection of Existing and Proposed Public Well Field Locations**

To protect public potable water supplies from possible contamination, the County and Cities shall maintain wellhead protection zone regulations within their land development regulations for well fields of existing and proposed public potable water systems. The focus of the wellhead protection within the land development regulations shall be to discourage and prohibit incompatible land uses around wellheads consistent with state law.

## **Unincorporated Area Specific Goals, Objectives and Policies**

### **Goal 3.1U Potable Water**

Assure through appropriate measures that an adequate supply of potable water is available to meet the needs of present and future residents and businesses in an economically and environmentally sound manner.

#### **Objective 3.1.1U Potable Water**

Assure that potable water systems are designed and constructed consistent with sound potable water management practices by facilitating coordination of potable water management and supply planning, potable water quality and land use planning.

**Policy 3.1.1.1U Extension of Municipal Potable Water Services into Unincorporated Areas**  
The County shall cooperate with the cities of Bushnell, Coleman, and Wildwood in the extension of municipal water systems into the unincorporated areas of the county utilizing Chapter 180, Florida Statutes, and consistent with the conditions of the Interlocal Service Boundary and Joint Planning Agreements (ISBA), as described in Objective 7.2, Objective 7.1U, and Objective 7.2U and their related policies of the Intergovernmental Coordination Element.

**Goal 3.2U Sewer/Wastewater**

Assure that adequate wastewater disposal services are provided to present and future residents and businesses in an economic and environmentally sound manner.

**Objective 3.2.1U Sewer/Wastewater**

Continually monitor the need for sanitary sewer facilities and upon determination of need for expansion or increase in capacity, shall plan, develop and institute corrective measures.

**Policy 3.2.1.1U Extension of Municipal Sewer Services into Unincorporated Areas**

The County shall cooperate with the cities of Bushnell and Wildwood in the extension of sewer/wastewater systems into the unincorporated areas of the county consistent with the conditions of the Interlocal Service Boundary and Joint Planning Agreements (ISBA), as described in Objective 7.2, Objective 7.1U, and Objective 7.2U and their related policies of the Intergovernmental Coordination Element.

**Goal 3.3U Solid Waste**

Provide appropriate solid waste disposal adequate to meet the needs of the residents and businesses.

**Objective 3.3.1U Solid Waste**

The County and Cities shall assure the appropriate provision of services to meet the needs of the residents and businesses in an efficient and economic manner.

**Policy 3.3.1.1U Provision of Disposal Facility**

The County shall assure the provision of a facility to provide for the disposal of solid waste and recycling for the citizens of the county. The facility may be provided either directly by the County or the County may choose to contract with a private entity to provide the required solid waste disposal and recycling services.

**Policy 3.3.1.2U Solid Waste Funding Priorities**

Priorities for solid waste funding by the County shall be as follows:

- a. Repair or replacement of broken facilities, as appropriate;
- b. Replacement of deficient facilities with more efficient ones, including privatization; and
- c. Expansion of facilities, including privatization.

**Policy 3.3.1.4U Monitoring of Capacity**

The County shall annually update the amount of capacity at the solid waste transfer station or any future facility utilized by the County. If, at any time, this update indicates that the capacity will be insufficient prior to 2035, the County shall examine methods to increase the ability to increase resource recovery and the storage and loading capacities of the facility.

City of Center Hill Area Specific Goals, Objectives and Policies

Not included in unincorporated county version

City of Webster Area Specific Goals, Objectives and Policies

Not included in unincorporated county version