

1.5 A BRIEF ASSESSMENT OF SUCCESSES AND SHORTCOMINGS RELATED TO EACH ELEMENT [163.3191(2)(H)]

CHAPTER ELEVEN - COASTAL MANAGEMENT ELEMENT

INTRODUCTION

The Coastal Element consists of a general introduction and is separated into 8 categories that begin with an introduction/summary. The categories are as follows:

- Coastal Resources;
- Land Use;
- Water Quality;
- Beach and Dune Systems;
- Coastal High Hazard Area and Hurricane Vulnerability Zone;
- Public Access;
- Public Services; and
- Intergovernmental Coordination.

The introduction of the Beach and Dune Systems Element requires updates to the agency names and some updated data and analysis. The introduction of the Intergovernmental Coordination Element requires a syntax change.

The Coastal Management Element has 8 Goals:

Coastal Resources

Goal 11.1 Conserve, protect and manage the coastal resources of Volusia County including the wetland and upland ecosystem so as to maintain and enhance native habitats, floral and faunal species diversity, water quality, and natural surface water characteristics.

Land Use

Goal 11.2 To conserve, protect, and restore coastal resources by managing growth and land use so as not to damage or destroy those resources.

Water Quality

Goal 11.3 To protect, enhance, and improve the quality of the estuarine environment throughout Volusia County.

Beach and Dune Systems

Goal 11.4 Protect, enhance and restore the functioning of the beach and dune systems and prohibit development activities that would damage or destroy such systems.

Coastal High Hazard Area and Hurricane Vulnerability Zone

Goal 11.5 Lessen the impact of a destructive storm on human life, property, public facilities and natural resources by discouraging the location of new development in the Coastal High Hazard Area through limitations to new public expenditures in these areas.

Public Access

Goal 11.6 Maintain and improve public access to the sovereign lands of the Coastal Management Planning Area through the provisions of coastal beach access facilities, fishing piers, boat ramps and marinas.

Public Services

Goal 11.7 Public services and facilities shall be adequate and available to serve both current and future residents.

Intergovernmental Coordination

Goal 11.8 Foster and encourage intergovernmental coordination in the Coastal Management Planning Area between Volusia County, the coastal cities, adjacent local governments, regional, state, and federal government entities.

The Goals have been and continue to be implemented. The EAR-based amendments will result in no changes to the Goals.

OBJECTIVE ANALYSIS

Objective 11.1.1

Maintain management programs to ensure the long-term protection and enhancement of wetland habitats, water quality, and selected natural upland habitats. The primary means of accomplishing this Objective will be through the retention of interconnected hydroecological systems where the wetlands and uplands function as a productive unit resembling the original landscape.

Objective Achievement Analysis

The Objective will remain as currently worded. The County implements conservation, management, and development review standards through the development review process. The County reviews projects and requires an ecological assessment to demonstrate compliance with state and federal regulations. The County Wetland Ordinance establishes standards for mitigation of impacts to wetlands and buffers. The County maintains a list of priority properties for acquisition. The County implements estuarine, oceanfront and shoreline habitat restoration and protection projects through activities such as, but not limited to: removing debris and toxic materials, restoring dune habitat, and updating stormwater facilities. In 2001 the Florida Fish and Wildlife

Conservation Commission (FWC) approved Phase I of the Manatee Protection Plan (MPP) for Volusia County. Phase I deals with manatee habitat, activity, and other background information, as well as education, research, and intergovernmental cooperation. The County is currently anticipating approval by the FWC of Phase II of the MPP, which addresses the placement of marinas, adverse impacts to manatees from various activities, on-the-water law enforcement, and manatee conservation. Currently, sea turtles and manatees are the only species that will be covered by specific management plans. The County continues to implement a management policy with regard to the protection of listed species and habitat.

Policy Relevance

The Objective contains 18 Policies. Some of the Policies will be updated. Policy 11.1.15 will be modified to reflect the present method of submitting reports. Volusia County Environmental Management prepares issue specific reports and updates periodically rather than submitting a general annual report. In reference to Policy 11.1.17, the County has species protection programs and protocol to ensure compliance with state and federal regulations. Several of the Policies will require minor modification to update agency names. A definition of "habitat areas" should be considered in Policy 11.1.1.17. Policy 11.1.1.18 should be updated to reference the draft Manatee Protection Plan submitted to the state. However, only Phase I of the Plan has been approved. Also, under Policy 11.1.1.18, Item D., the US Fish and Wildlife Service continues to work toward determining how to evaluate cumulative impacts to the manatee population.

Objective 11.2.1

Establish land use regulations that provide for the location, extent and distribution of land uses consistent with the protection of coastal resources.

Objective Achievement Analysis

The Objective will remain as currently worded. The County continues to target priority lands for acquisition through the Volusia Forever Program and the implementation of the Future Land Use Map. The County's Zoning Ordinance has identified special use areas and provides limits on development in those areas. The Indian River Lagoon Overlay District provides mechanisms to protect designated ecological features and habitat.

Policy Relevance

The Objective contains 4 Policies that will remain as currently worded.

Objective 11.2.2

Continue to maintain standards for appropriate densities, intensities, buffer zones, resource protection and location for development adjacent to aquatic and natural preserves, wildlife refuges, and environmental system corridors to protect the natural character, scenic values and public benefit of these areas.

Objective Achievement Analysis

The Objective will remain as currently worded. The Indian River Lagoon Overlay District provides mechanisms to protect designated ecological features and habitat. The County's Beaches and Dune Ordinance is a minimum standard for all incorporated and unincorporated coastal areas and sets standards to protect the natural character of beach and dune systems. The Future Land Use Map designates land uses in order to direct growth away from significant natural resources to protect the integrity of the environment.

Policy Relevance

The Objective contains 6 Policies that will remain as currently worded. However, Policy 11.2.2.5 should specify who will prepare the monitoring and status report.

Objective 11.2.3

Priorities for shoreline land use shall be given to water dependent uses over water related land uses, and shall be based on type of water-dependent use, adjacent land use, water quality, impact on critical habitat and impact on coastal resources.

Objective Achievement Analysis

The Objective will remain as currently worded. The County is currently anticipating approval by the FWC of Phase II of the Manatee Protection Plan for Volusia County, which incorporates all of the relevant Comprehensive Plan Policies regarding marina siting, expansion, and related habitat protection. Many of the stated Policies are implemented by the state prior to review by the County. There may need to be policy additions to address the protection of marinas and other waterfront non-residential uses from conversions to residential uses.

Policy Relevance

The Objective contains 5 Policies. Under Policy 11.2.3.3, Item I., "critical habitat" needs clarification. Policy 11.2.3.4 should specify who will utilize the Surface Water Improvement Management Plans. An analysis concerning a no net loss of public access related to the issue of marina use conversions to residential uses needs to be initiated.

Objective 11.2.4

Consistent with the Historical Preservation Element protect and preserve historic and archaeological resources.

Objective Achievement Analysis

The Objective will remain as currently worded. The County maintains guidelines for the protection of historic and archeological resources through the Leisure Services Division.

Policy Relevance

The Objective contains 10 Policies that will remain as currently worded, except for Policy 11.2.4.2, which should specify which department will prepare the monitoring and status report.

Objective 11.3.1

To monitor and improve estuarine water quality by maintaining an ongoing water quality sampling and monitoring program, establishing base line conditions, and identifying standards as parameters to measure changes in water quality.

Objective Achievement Analysis

The Objective will remain as currently worded. The County has expanded its water quality monitoring program that determines levels and trends of ambient water quality. Analysis of recent water sampling trends indicates that water quality is improving. The surface water sampling program is designed to focus in on any problem areas. The County maintains an active stormwater program that addresses surface water quality through various means such as control of new development, establishment of BMPs and other means. The County continues to improve and enhance water quality and estuarine conditions through intergovernmental cooperation by a variety of mechanisms such as: continuation of the Environmental and Natural Resource Advisory Committee; updating data in cooperation with DEP and SJRWMD; participation in the SWIM and NEP programs; and continuing efforts to manage stormwater run-off.

Policy Relevance

The Objective contains 18 Policies. Agency and program names should be updated throughout the Policies listed under this Objective. Policy 11.3.1.3 should be updated to reflect that the nomenclature system has been developed and that information is available on the Volusia County Health Lab's Website. It is, and will continue to be, updated regularly. Related to Policy 11.3.1.4, the County has developed a database of system installations for the past 15 years, and also produced a report, indicating by area in Volusia County the preference for or against the use of septic tank systems. Under Policy 11.3.1.5, Item J should be added to the list of criteria used for prioritizing areas that utilize individual septic systems. It should read "Directives of the Northern Coast Basin SWIM (septic systems and wastewater treatment systems are in the Management Plan and the North Peninsula area is listed as a priority).

Objective 11.4.1

Maintain standards to minimize the impacts of structures and development on beach and dune systems, and where necessary initiate dune restoration programs.

Objective Achievement Analysis

The Objective will remain as currently worded. The County adopted a Beaches and Dunes Ordinance to implement Policies contained in the Comprehensive Plan

concerning dunes. This Ordinance also ensures that beaches and dune regulations are consistent with DEP requirements. The County continues to operate a native plant nursery that produces plants used in the County's dune restoration projects.

Policy Relevance

The Objective contains 21 Policies. Agency names should be updated throughout the Policies listed under this Objective. Policies 11.4.1.3, 11.4.1.4, 11.4.1.6, 11.4.1.7, and 11.4.1.8 require clarification related to sea wall construction permitting, and dune restoration activities. These Policies should be revised to be consistent with the new Beaches and Dunes Ordinance. Under Policy 11.4.1.8 the maintenance task of standards should be completed by the FDEP rather than Volusia County. Policy 11.4.1.13 will have a syntax change, and Policy 11.4.1.16 should be updated with additional completed projects.

Objective 11.5.1

Evacuation of Population. Maintain the clearance time of the population in the Hurricane Vulnerability Zone at nineteen (19) hours based on a level of service standard "D."

Objective Achievement Analysis

The Objective will remain as currently worded. The Florida Division of Emergency Management recommends that all counties achieve 12 hours or less clearance time for a Category 3 hurricane. Currently, evacuation clearance times for Volusia are estimated to be 8 hours for Category 1 and 2 hurricanes, 10 hours for Category 3 hurricanes, and 11 hours for Category 4 and 5 hurricanes (FDCA). An option to consider in meeting future evacuation clearance recommendations is to encourage the construction of safe rooms.

Policy Relevance

The Objective contains 6 Policies that will remain as currently worded except for Policy 11.5.1.6 where "Peacetime Emergency Plan" will be changed to "Comprehensive Emergency Management Plan."

Objective 11.5.2

Shelter for Population. In cooperation with the American Red Cross, Volusia County shall designate hurricane evacuation shelters to protect the population in the Hurricane Vulnerability Zone.

Objective Achievement Analysis

The Objective will remain as currently worded with minor formatting changes. Currently, there is space for 8,826 people in the County's shelters, but there are 21,368 people more than that in need of shelter facilities in the case of a Category 5 hurricane. The County cannot supply enough space currently and this deficit is expected to increase in the next 4 years to 24,061 people. This is the largest deficit of shelter space in the

Central Florida region. An option to consider in meeting shelter capacities is to encourage the construction of safe rooms.

Policy Relevance

The Objective contains 2 Policies. As noted in Policy 11.5.2.1, the County continues to designate hurricane emergency shelter facilities to accommodate 10% of the population in the Hurricane Vulnerability Zone (HVZ). However, it is anticipated that the population percentage may increase since the density is anticipated to increase in the HVZ. Policy 11.5.2.2 has been implemented.

Objective 11.5.3

Mitigation of Property Damage. Ensure that development in the Hurricane Vulnerability Zone and Coastal High Hazard Area minimizes danger to life and property.

Objective Achievement Analysis

The Objective will remain as currently worded with minor formatting changes.

Policy Relevance

The Objective contains 11 Policies that will remain as currently worded. Pursuant to Policy 11.5.3.9, the County established a task force called "Volusia Prepares" to implement the approved mitigation plan to reduce damage in areas of repetitive loss due to flooding.

Objective 11.5.4

Post-Disaster Redevelopment. Prior to 2000, Volusia County with the East Central Florida Regional Planning Council and the coastal cities, as appropriate, shall undertake an evaluation of the long-term problems related to post-disaster redevelopment, and based upon those findings prepare a Post-Disaster Redevelopment Plan. If necessary, amendments shall be made to the Comprehensive Plan based upon the Post-Disaster Redevelopment Plan.

Objective Achievement Analysis

This has not been achieved and will need to be updated. Volusia County Emergency Management Division has recently contracted consultants, Emergency Response Planning & Management, Inc. (ERP&M) using state grant funds to prepare a Long-Term-Disaster Recovery Plan for the County. The draft Long-Term-Disaster Recovery Plan was to be completed in September 2005; however, this is an on-going document that will be updated as needed. The County plans on preparing a Long-term-Disaster Redevelopment Plan through a County-wide visioning process. Please see further analysis of this matter in major issue 1: Disaster Mitigation and Recovery.

Policy Relevance

The Objective contains 5 Policies that will be modified in accordance with the development of the Long-Term-Disaster Recovery Plan.

Objective 11.6.1

Coastal Beach Access Facilities. In the areas of unincorporated Volusia County, except Ormond-by-the-Sea, Coastal Beach Access Facilities (vehicular beach ramps, walkways, or walkovers) shall be provided at no greater than 2 mile intervals, except for the area north of Bass Drive and the area in Canaveral National Seashore. In the area of unincorporated Ormond-by-the-Sea, Coastal Beach Access Facilities shall be provided every ¼ mile, on average. Volusia County shall be responsible for the actual provision, maintenance, and operation of these facilities.

Objective Achievement Analysis

The County's Beaches and Dunes Ordinance requires walkovers at all new public access points and adjacent to all new multi-family dwelling structures, hotel/motel complexes, and other commercial establishments. Beach and dune walkovers may be constructed for the purpose of maintaining or enhancing pedestrian access to the beach and to minimize habitat impact where there is currently no walkover. A valid permit is required prior to the start of construction of beach and dune walkovers from the appropriate state and local agencies. Walkovers shall be constructed in a manner that minimizes short-term disturbances to the dune system and existing vegetation. The Leisure Services Division maintains a document called "Status of Beach Access Facilities" which provides information related to the recovery of beach dune walkovers from the 2004 hurricane occurrences. The County has been able to provide Coastal Beach Access Facilities in Ormond-by-the-Sea every ¼ mile, on average.

Policy Relevance

The Objective contains 10 Policies. There will be a minor syntax modification to Policy 11.6.1.9. Policy 11.6.1.10 is redundant and should be deleted as requested by the state. Volusia County maintains a strong public beach access ethic and will continue to endeavor to maintain and develop public beach access facilities in an environmentally acceptable manner.

Objective 11.6.2

Fishing Piers. In conjunction with the Coastal Cities and the Ponce DeLeon Port Authority, provide for 181 linear feet of fishing pier for each 10,000 residents of the County.

Objective Achievement Analysis

The premise for the population-based formula established in this Objective is unknown and perhaps unrealistic based upon the observed human use patterns at existing public fishing pier facilities. Given this, it is recommended that the Objective be modified and more generally stated as follows: In conjunction with the coastal municipalities, the

Ponce de Leon Port Authority will endeavor to expand, improve and establish public fishing pier facilities where needed.

Policy Relevance

The Objective contains 1 Policy that will remain as currently worded.

Objective 11.6.3

Boat Ramps. In conjunction with the Coastal Cities and the Ponce DeLeon Port Authority, provide for 1 ramp lane for every 7,500 residents of the County.

Objective Achievement Analysis

The Objective will be modified to reflect the approval of the Manatee Protection Plan that places constraints on boat ramps. There is currently a boat trailer parking space shortage/crisis particularly for the coastal public boat ramp facilities. The number of launch ramp lanes seems adequate, however, parking is not. Boat trailer parking lots at coastal public boat ramp facilities located in the cities of Ormond Beach, Daytona Beach, South Daytona, Port Orange, New Smyrna Beach, Edgewater and Oak Hill are commonly at capacity by 10:00 a.m. on most fair weather weekend days from March through October. The County of Volusia-Ponce de Leon Inlet & Port District has expressed a strong interest in the development of a regional public boat ramp facility to be located at the City of New Smyrna Beach Swoope Power Plant site accessed by North U.S. Highway 1. This riverfront site is ideally located along the Atlantic Intracoastal Waterway very close to the confluence of Ponce de Leon Inlet and the Halifax and Indian Rivers. The in-shore waterway area near the Swoope Power Plant site is the number one boating destination on the Volusia coast.

Policy Relevance

The Objective contains 6 Policies that will remain as currently worded.

Objective 11.6.4

Marina Slips. Develop a marina siting plan prior to 2000 that accommodates the projected demand of additional boat slips in marinas. Volusia County will provide for its fair share of the projected marina demand in the unincorporated area.

Objective Achievement Analysis

The Objective requires the marina siting plan to be developed prior to the year 2000. The County is presently in the process of adopting the Manatee Protection Plan (MPP). Depending on the outcome of the MPP this Objective may change because the "purposes" of Objective 11.6.4 may be altered. The County is currently anticipating approval by the FWC of Phase II of the MPP, which addresses the placement of marinas, on-the-water law enforcement, and manatee conservation. Phase II incorporates all relevant marina siting Comprehensive Plan Policies by reference.

Policy Relevance

The Objective contains 3 Policies and should be updated to include a discussion concerning a no net loss of public access as marina sites are under pressure to convert to residential developments. Policy 11.6.4.3 will have a syntax change.

Objective 11.6.5

Scenic Routes. Volusia County may establish scenic routes and roadways consistent with the Scenic Roadway Element, to preserve the natural beauty and vistas of the Coastal Management Planning Area.

Objective Achievement Analysis

The Objective will be re-written to reference the Transportation Element rather than the Scenic Roadway Element that no longer exists.

Policy Relevance

The Objective contains 3 Policies that will remain as currently worded.

Objective 11.7.1

General. The land development regulations shall ensure that the provision of roads, potable water, sanitary sewer, drainage, recreation, mass transit, and solid waste facilities and services required to maintain the adopted Level of Service standards shall be consistent and phased with the level of development proposed in the Future Land Use Element.

Objective Achievement Analysis

The Objective will remain as currently worded.

Policy Relevance

The Objective contains 1 Policy that will remain as currently worded.

Objective 11.7.2

Transportation. Ensure through land development regulations and capital improvements that the provision of roads and mass transit meet the adopted level of service standards.

Objective Achievement Analysis

The Objective will remain as currently worded. Through development regulations and the County's 5-year Road Program, the County has been meeting the LOS policies as established in the Transportation Element. However, due to the exorbitant costs of land for ROW, construction materials and rising labor costs, the County will need to address acquiring funding to continue to meet established LOS standards. For further information refer to Major Issue 2.3.

Policy Relevance

The Objective contains 2 Policies that will remain as currently worded.

Objective 11.7.3

Potable Water Supply Systems. Ensure through land development regulations, capital improvements and development review sufficient water resources to provide potable water needs to meet the needs of the coastal area population.

Objective Achievement Analysis

The Objective will remain as currently worded.

Policy Relevance

The Objective contains 9 Policies that will remain as currently worded. There will be an extra space added between Policies 11.7.3.3 and 11.7.3.4.

Objective 11.7.4

Wastewater. Provide sufficient treatment capacity and effluent disposal methods to meet the demand projected by growth and development consistent with adopted water quality standards.

Objective Achievement Analysis

The Objective will remain as currently worded.

Policy Relevance

The Objective contains 4 Policies that will remain as currently worded. An agency name should be updated in Policy 11.7.4.2.

Objective 11.7.5

Stormwater Management. Ensure that stormwater management systems do not degrade coastal resources.

Objective Achievement Analysis

The Objective will remain as currently worded. The County maintains an active stormwater program that addresses surface water quality through various means such as control of new development, establishment of BMPs and other means. Stormwater fees have increased from roughly \$600,000 to \$2 million annually to provide additional support for the stormwater program.

Policy Relevance

The Objective contains 6 Policies that will remain as currently worded.

Objective 11.7.6

Solid Waste. Ensure that solid waste facilities do not result in violation of adopted standards or degradation of coastal resources.

Objective Achievement Analysis

The Objective will remain as currently worded. The Recycling and Solid Waste Division continues to meet state and federal regulations.

Policy Relevance

The Objective contains 4 Policies. A policy regarding recycling should be added under this Objective. Policy 11.7.6.2 should include verbiage that indicates water samples will meet federal and state water quality standards through analysis.

Objective 11.7.7

Public Buildings. Ensure through capital improvement planning and site selection that public buildings meet the needs of population growth and are located outside of areas susceptible to damage from storms or flooding.

Objective Achievement Analysis

The Objective will remain as currently worded.

Policy Relevance

The Objective contains 7 Policies that will remain as currently worded, except for Policy 11.7.7.7 where "Peacetime Emergency Plan" will be changed to "Comprehensive Emergency Management Plan."

Objective 11.8.1

Coastal Resources. Continue to utilize development standards for appropriate densities, intensities, buffer zones, resource protection, and location for development adjacent to aquatic and natural preserves, wildlife refuges, and environmental systems corridors that are consistent on an area-wide basis.

Objective Achievement Analysis

The Objective will remain as currently worded.

Policy Relevance

The Objective contains 4 Policies that will remain as currently worded.

Objective 11.8.2

Land Use. Utilize the Coastal Management Element Plan as a guide in deciding issues of land use and zoning, the extension and provision of urban services, annexation, and the general location of environmental systems corridors in the Coastal Management Planning Area.

Objective Achievement Analysis

The Objective will remain as currently worded. The County Future Land Use Map and Zoning Ordinance reflect this Objective to maintain and protect the integrity of the County's coastal resources.

Policy Relevance

The Objective contains 4 Policies. The Northern Coastal Basin SWIM program should be included in Policy 11.8.2.4.

Objective 11.8.3

Water Quality. Maintain an effective ongoing water sampling and monitoring system which shall be applied by Volusia County and the coastal cities on an area-wide basis.

Objective Achievement Analysis

The Objective will remain as currently worded. The County has expanded its water quality monitoring program, which determines levels and trends of ambient water quality in cooperation with various local and state agencies. The County operates a state-certified laboratory, which analyzes water samples collected throughout the County.

Policy Relevance

The Objective contains 6 Policies. Water and sediment quality monitoring should be considered in the Halifax River in addition to the Mosquito Lagoon. Agency and program names should be updated.

Objective 11.8.4

Beaches and Dunes. Volusia County and the coastal cities shall ensure that beach and dune management is coordinated throughout the Coastal Management Planning Area.

Objective Achievement Analysis

The Objective will remain as currently worded. The County's Beaches and Dunes Ordinance (a County-wide minimum standard) requires that armoring shall conform to the State Department of Environmental Protection's coastal armoring Policy in addition to the following criteria:

- (1) All coastal armoring will be reviewed by Volusia County Environmental Management Division for consistency with Volusia County Sea Turtle HCP/ITP.
- (2) All new, reconstruction and armoring projects must be buried with an artificial dune at least four feet above the existing grade at slope no greater than three to one, and planted with the appropriate native coastal vegetation.
- (3) All new and reconstructed dune systems shall be maintained forever, in perpetuity, by the property owner. Additional permits from the State Department of Environmental Protection may be required.

Policy Relevance

The Objective contains 5 Policies that will remain as currently worded.

Objective 11.8.5

Hurricane Evacuation. Volusia County and the coastal cities shall coordinate all hurricane evacuation activities through the Volusia County Emergency Management Services.

Objective Achievement Analysis

The Objective will remain as currently worded.

Policy Relevance

There are no Policies that accompany this Objective.

Objective 11.8.6

Coastal Beach Access Facilities. Additional improvements to public parking facilities for the coastal beach access facilities shall be provided, as necessary and feasible.

Objective Achievement Analysis

The Objective will remain as currently worded. The County has successfully maintained coastal beach access according to the subject Objective. In addition, the Beach Management Plan was recently updated and approved by County Council in September 2005. The County has successfully implemented the Policies regarding beach access.

Policy Relevance

There are no Policies that accompany this Objective.

Objective 11.8.7

Fishing Piers. The Port Authority shall enter into interlocal agreements with the coastal cities to provide for the completion of a study to determine the location at which fishing pier space can be utilized in conjunction with existing bridges.

Objective Achievement Analysis

The Objective will remain as currently worded. Numerous public fishing piers and waterway parks have been developed along the shoreline of the Halifax and Indian Rivers through grant programs provided by the County of Volusia-Ponce de Leon Inlet & Port District and the Florida Inland Navigation District. Although very popular as park destinations there has been no demand for additional fishing piers along the Volusia in-shore waterfront. Two privately maintained ocean piers offer recreational fishing opportunities on the Atlantic Ocean beaches. A public fishing deck providing access to the Atlantic Ocean waters is situated on the North Jetty at Lighthouse Point Park. An additional public fishing deck is planned for the South Jetty located at Smyrna Dunes Park on Ponce de Leon Inlet. This deck will offer access to the Atlantic Ocean waters as well. No additional ocean piers are planned to be publicly funded/constructed at this time.

Policy Relevance

There are no Policies that accompany this Objective.

Objective 11.8.8

Boat Ramps. Volusia County and the coastal cities shall enter into an interlocal agreement for the purpose of recommending specific locations for boat launching facilities.

Objective Achievement Analysis

The Objective will be modified to reflect the Manatee Protection Plan, which addresses the placement of boat launching facilities throughout the County.

Policy Relevance

The Objective contains 2 Policies that will remain as currently worded.

Objective 11.8.9

Marinas. The County of Volusia shall lead the effort to establish a marina siting plan and enter into interlocal agreements with the coastal cities, for the preparation of a marina siting program.

Objective Achievement Analysis

The Objective will remain as currently worded. The County is currently anticipating approval by the FWC of the Boat Facility Siting Plan, which is Phase II of the Manatee Protection Plan.

Policy Relevance

There are no Policies that accompany this Objective.

Objective 11.8.10

Scenic Routes. Volusia County and the coastal cities shall establish the scenic routes identified in the Coastal Management Element.

Objective Achievement Analysis

The Objective will remain as currently worded.

Policy Relevance

There are no Policies that accompany this Objective.

Objective 11.8.11

Public Facilities. Ensure through interlocal cooperation, adequate public facilities are available to accommodate existing and new growth and development in the Coastal Management Planning Area.

Objective Achievement Analysis

The Objective will remain as currently worded.

Policy Relevance

The Objective contains 4 Policies that will remain as currently worded.