



# Wekiva River Basin Commission

IMPLEMENTATION PROGRESS REPORT  
DECEMBER 2009



# CONTENTS

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## INTRODUCTION

Background.....	1
2009 Implementation Activities .....	3
Report Format.....	3

## PROGRESS TOWARD MEETING RECOMMENDATIONS OF THE WEKIVA RIVER BASIN COORDINATING COMMITTEE

Recommendation 1 – Wekiva Parkway Planning and Design.....	4
Recommendation 2 – Interchange Land Use Plans.....	14
Recommendation 3 – Land Acquisition.....	15
Recommendation 4 – Recharge Criteria .....	16
Recommendation 5 – Agricultural Nonpoint Pollution.....	16
Recommendation 6 – Pollution Load Reduction Goals.....	17
Recommendation 7 – Master Stormwater Management Plan .....	18
Recommendation 8 – Wastewater Treatment Standards.....	19
Recommendation 9 – On-Site Disposal Systems .....	19
Recommendation 10 – Coordinated Strategies for Prescribed Burning .....	20
Recommendation 11- Coordinated Planning for Apopka/Orange County.....	21
Recommendation 12 – Availability of CUP Capacity .....	21
Recommendation 13 – Wastewater Facility Plans.....	21
Recommendation 14 – Land Use Strategies .....	22
Recommendation 15 – Balancing Resource Protection and Economic Development.....	23
Recommendation 16 – Best Management Practices .....	23
Recommendation 17 – Public Education .....	24

## FIGURES

Figure 1 – Wekiva Study Area .....	1
Figure 2 – Study Corridor.....	5
Figure 3 – Orange County, Kelly Park Interchange .....	5
Figure 4 – Lake County West, Recommended Preferred Alternative .....	6
Figure 5 – Lake County East, Recommended Preferred Alternative.....	7
Figure 6 – Seminole County, Recommended Preferred Alternative .....	8
Figure 7 – Map G “Seminole County/Bevier Rd Alternative” .....	9
Figure 8 – Wekiva Parkway/SR 46 Overall Recommended Preferred Alternative .....	9
Figure 9 – Wekiva Parkway 4 Lanes Divided .....	10
Figure 10 – Wekiva Parkway 6 Lanes Divided.....	10
Figure 11 – SR 46 Widening to 6 Lanes.....	11

Figure 12 – Wekiva Parkway 4 Lanes w/Frontage Roads .....	11
Figure 13 – Wekiva Parkway 6 Lanes w/Frontage Roads .....	12
Figure 14 – Properties for Acquisition .....	14

## TABLES

Table 1 – Status of Best Management Practice Rules/Manuals.....	16
Table 2 – Status of Stormwater Amendments.....	18
Table 3 – Status of Wastewater Amendments .....	21
Table 4 – Status of Land Use Strategy Amendments .....	22

## APPENDIX

Wekiva Parkway (SR 429)/SR 46 Realignment PD&E Study 2009 Meetings.....	i
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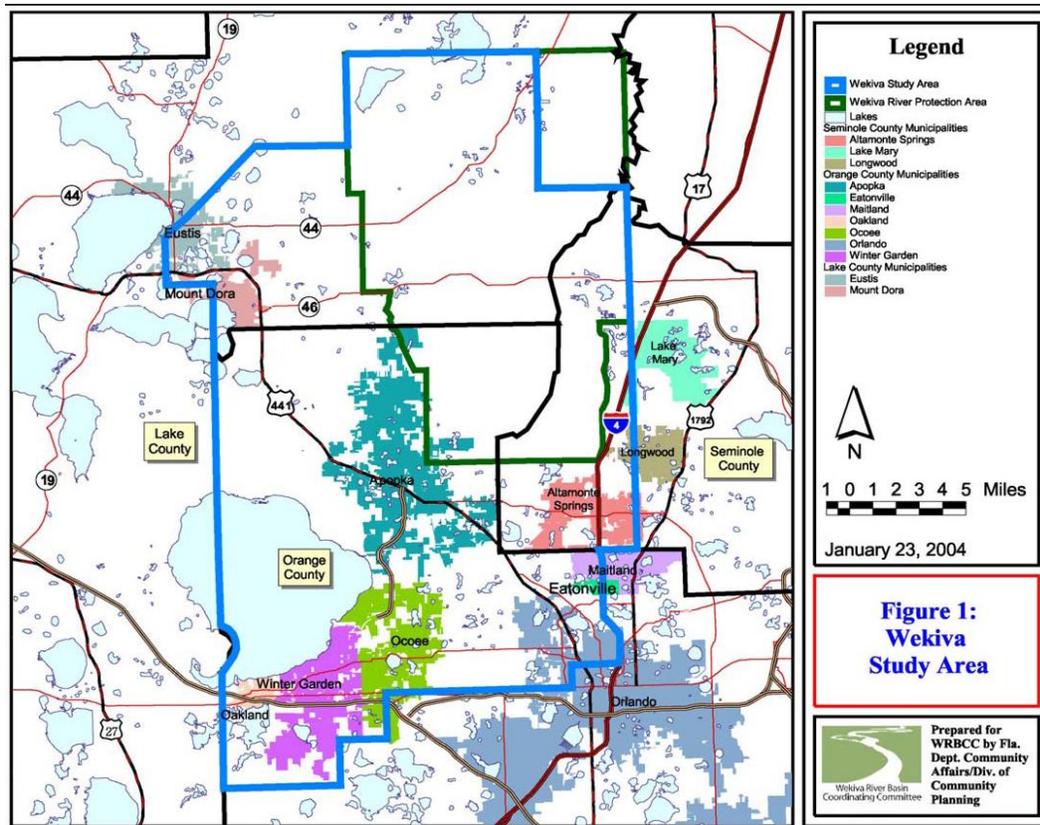
# INTRODUCTION

## BACKGROUND

Governor Bush signed the Wekiva Parkway and Protection Act (Chapter 2004-384, Laws of Florida) into law on Tuesday, June 29, 2004, at Wekiwa Springs State Park in Apopka. The law implements the recommendations of the Wekiva River Basin Coordinating Committee and authorizes designing and building the Wekiva Parkway, completing the beltway around Orlando while ensuring the protection of the Wekiva River system.

Over a six-month period, the Wekiva River Basin Coordinating Committee discussed the best way to protect the fragile spring-fed Wekiva River Basin while ensuring regional transportation, growth management and water resource needs are met. The Committee used a regional collaborative approach to produce consensus recommendations that focus and coordinate agency and local government activities to bring a higher level of planning and springs protection to the Wekiva River Basin. This regional and collaborative method for growth management planning has become a model that is being implemented in other areas of the State. The Committee was also responsible for delineating the Wekiva Study Area.

**Figure 1 – Wekiva Study Area**



An appropriate portion of land area that contributes surface and groundwater to the Wekiva River system was the criteria used to create the Wekiva Study Area. There are 15 local governments included in the Wekiva Study Area: Orange County and the municipalities of Maitland, Eatonville, Orlando, Ocoee, Winter Garden, Oakland and Apopka; Seminole County and the municipalities of Lake Mary, Longwood, and Altamonte Springs; and Lake County and the municipalities of Eustis and Mount Dora.

The Wekiva Parkway and Protection Act authorizes the Orlando-Orange County Expressway Authority (OOCEA) to act as a third party acquisition agent on behalf of the Trustees of the Internal Improvement Trust Fund and the St. Johns River Water Management District (SJRWMD) to acquire three parcels of land identified by the Committee for acquisition to provide buffer areas along the Parkway corridor. Acquisition of these parcels was to begin no later than December 21, 2004, and must be completed no later than December 31, 2010. The OOCEA is authorized to construct and finance the Wekiva Parkway and an associated connector road.

Required studies and regulatory measures designed to protect the natural resources of the Wekiva Study Area include:

- The *Florida Department of Environmental Protection* (FDEP) is to prepare a study on Water Quality and Wastewater Standards by December 1, 2004; and based on the results of the study, initiate rulemaking by March 1, 2005, or recommend additional statutory authority to achieve nitrogen reductions protective of the surface and groundwater quality of the Wekiva Study Area; and establish Total Maximum Daily Loads by December 1, 2006.
- The *Florida Department of Health* (FDOH) is to prepare a study on On-site Disposal Systems Treatments Standards and Implementation of Septic Tank Maintenance and Inspection Program by December 1, 2004. Based on the results of the study, and if deemed necessary, the Department is to initiate rulemaking by March 1, 2005, or recommend additional statutory authority to address nitrogen reduction through appropriate on-site disposal standards.
- The *St. Johns River Water Management District* (SJRWMD) is to initiate rulemaking for pre- and post-development standards for stormwater and consumptive use thresholds by March 1, 2005; establish Pollution Load Reduction Goals for the Wekiva Study Area by December 1, 2005; and update minimum flows and levels for Rock Springs and Wekiwa Springs by December 1, 2007.
- The *Florida Department of Community Affairs* (FDCA) and the SJRWMD are to coordinate and ensure the adoption of comprehensive plan amendments by January 1, 2006, and land development regulations by January 1, 2007, which address stormwater, wastewater and land use issues as they relate to the Wekiva Study Area.

- The creation of a 19-member *Wekiva River Basin Commission* appointed by the Governor to monitor and ensure implementation of the recommendations of the Wekiva River Basin Coordinating Committee. The East Central Florida Regional Planning Council is charged with providing staff support.

## 2009 IMPLEMENTATION ACTIVITIES

Progress continues in addressing the remaining of the 17 recommendations of the Wekiva River Basin Coordinating Committee. Some highlights:

- The OOCEA is continuing to progress toward the completion of the Project Development and Environment (PD&E) Study.
- Significant advancement towards completion of local government comprehensive plan amendments addressing the required stormwater, wastewater, and land use.
- The FDEP began work on the Basin Management Action Plan (BMAP).
- The Florida Legislature appropriated funds for a study to develop recommendations on passive strategies for nitrogen reduction on-site sewage disposal systems.
- The Florida Department of Agriculture and Consumer Services adopted the Cow and Calf Manual in 2009.

## REPORT FORMAT

This report describes the progress made by the Wekiva River Basin Commission during 2009 in ensuring the implementation of the recommendations of the Wekiva River Basin Coordinating Committee. The Committee's Final Report outlines seventeen (17) recommendations related to construction of the Wekiva Parkway and protecting the natural resources of the Wekiva River Basin. This document reports on the progress made during the year on each recommendation. The corresponding portion of the Wekiva Parkway and Protection Act is noted for those recommendations with an associated statutory requirement.

# PROGRESS TOWARD MEETING RECOMMENDATIONS OF THE WEKIVA RIVER BASIN COORDINATING COMMITTEE

## RECOMMENDATION 1 – WEKIVA PARKWAY PLANNING AND DESIGN

Section 369.317 (1-5) of the *Wekiva Parkway and Protection Act (Wekiva Act)* provides for construction of the Wekiva Parkway consistent with proposed corridor and design guidelines identified in Recommendation 1 of the *Wekiva River Basin Coordinating Committee Final Report*. This effort is co-managed by the OOCEA and FDOT.

The OOCEA initiated the Project Development and Environmental (PD&E) study for the Parkway in January 2005, collecting data and performing background studies necessary for examining suitable alignments and potential community and environmental impacts. Federal standards for conducting the study are being followed, which will preserve the right to use federal funds for right-of-way (ROW) acquisition and construction. In 2007, the PD&E Study presented the recommended alignments, and then moved into a succession of public meetings to possibly refine the alignments to address community concerns in Orange, Lake, and Seminole Counties. There were no changes from October 2007 concerning the Recommended Preferred Alternatives in Orange, Lake and Seminole Counties.

In 2008, the OOCEA continued to coordinate with Federal Highway Administration and the State Historic Preservation Office concerning the historic resources in the project corridor.

Coordination with the Federal Highway Administration and the State Historic Preservation Office continued throughout 2009 in order to address the historic resources in the project corridor. A feasibility study was undertaken by FDOT to determine the feasibility of a trail to be located in conjunction with the Parkway. The study continues.

During 2009, as progress continued with the PD&E Study, no changes were made to the alignment of the parkway. The FDOT and Expressway Authority continue to work with cities and counties to address specific concerns with the parkway interchanges and other engineering issues. Discussions also continued through 2009 to work on funding options between FDOT and the Expressway Authority for the parkway.

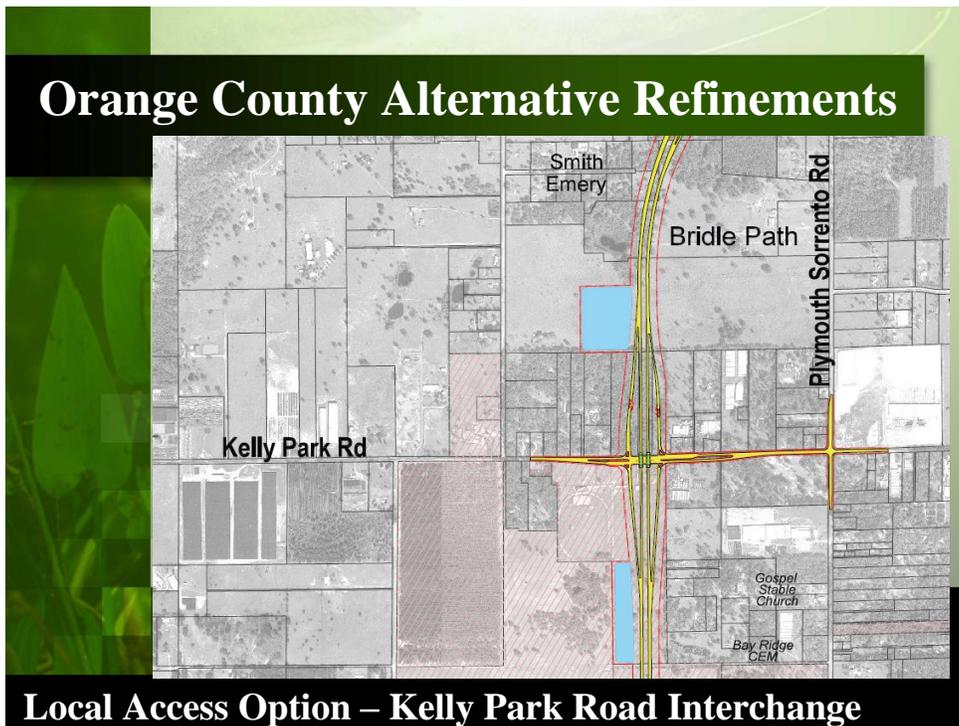
Figure 2 – Study Corridor



PD&E Study Presentation: OOCEA and FDOT

In Orange County, the Kelly Park interchange is the recommended placement for an interchange. This is supported by the City of Apopka.

Figure 3 – Orange County, Kelly Park Interchange



PD&E Study Presentation: OOCEA and FDOT

For Lake County, Figure 4 and Figure 5 depict preferred alternatives for the east and west portions of the Study Corridor. In west Lake County, Figure 4 illustrates the preferred alignments, Alternative 2. The recommendation is to widen SR 46 on the north side (six lanes divided from US 441 to east of Round Lake Road). This consensus was reached midway through 2007 and continues to stand.

**Figure 4 – Lake County West, Recommended Preferred Alternative**



*PD&E Study Presentation: OOCEA and FDOT*

In the east portion of Lake County (Figure 5), the recommendation is Alternative 2, which includes a south alignment with three full interchanges. However, the final decision regarding placement of the roadway and surrounding land will be determined by FDEP.

Figure 5 – Lake County East, Recommended Preferred Alternative

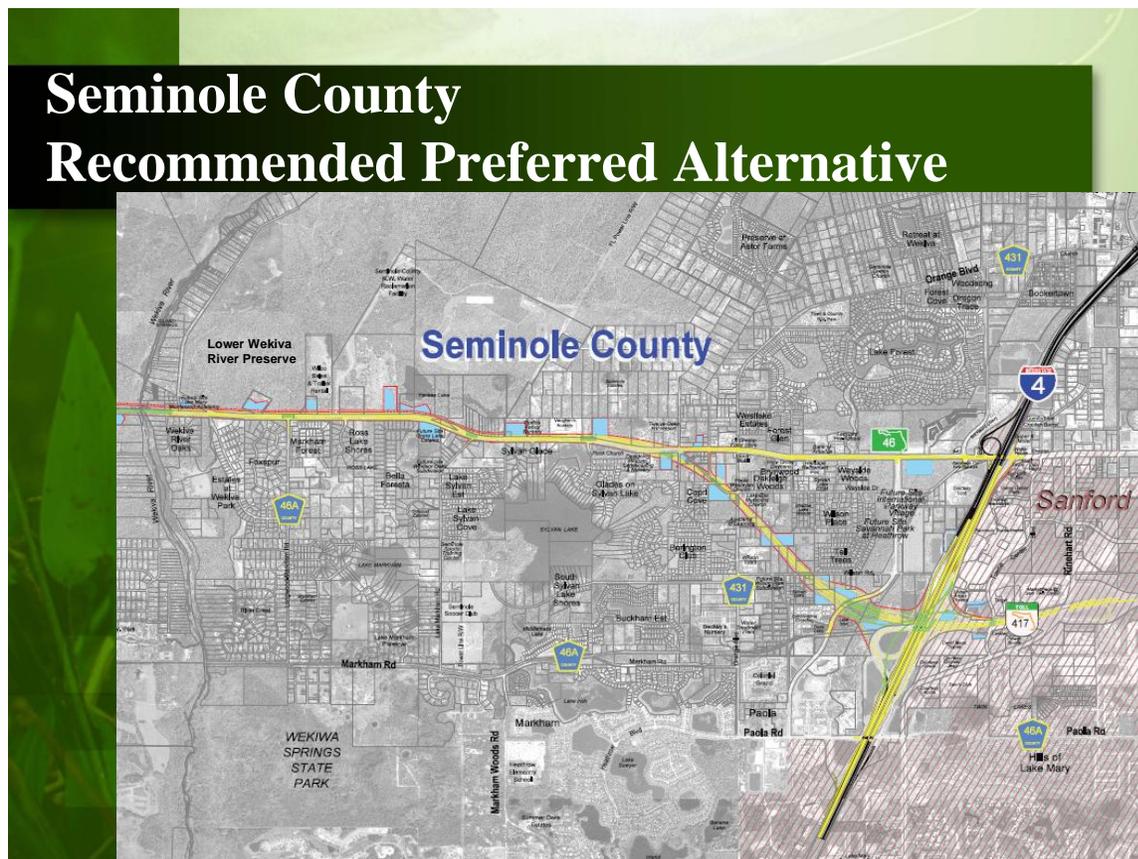


PD&E Study Presentation: OOCEA and FDOT

The realignment of SR 46A remains the most controversial. A portion of the road would potentially impact the Seminole State Forest and the Heathrow Country Estates neighborhood. The recommendation last announced was to support the road alignment that keeps SR 46A out of the Seminole State Forest. No changes have been made to the alignment.

In Seminole County, the recommendation for SR 46 is to widen the road to the north, minimizing the impact to Lower Wekiva River Preserve State Park. After numerous additional alignments were explored for the SR 417/I-4 Interchanges, the alignment illustrated below in Figure 6 was concluded as the recommendation, which will reduce the impact on two neighborhoods.

Figure 6 – Seminole County

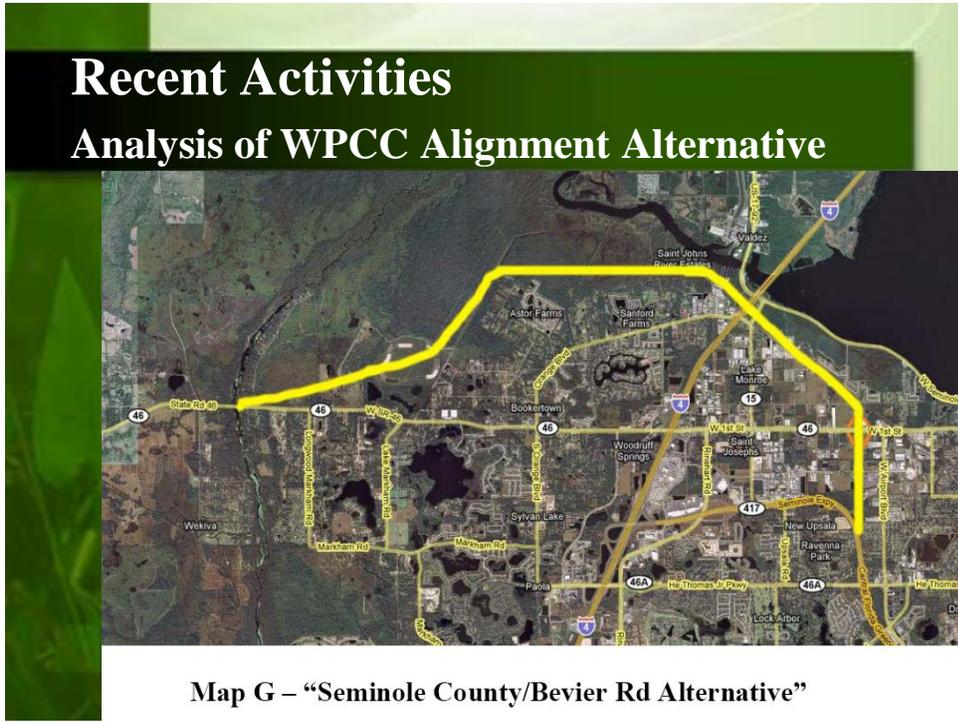


PD&E Study Presentation: OOCEA and FDOT

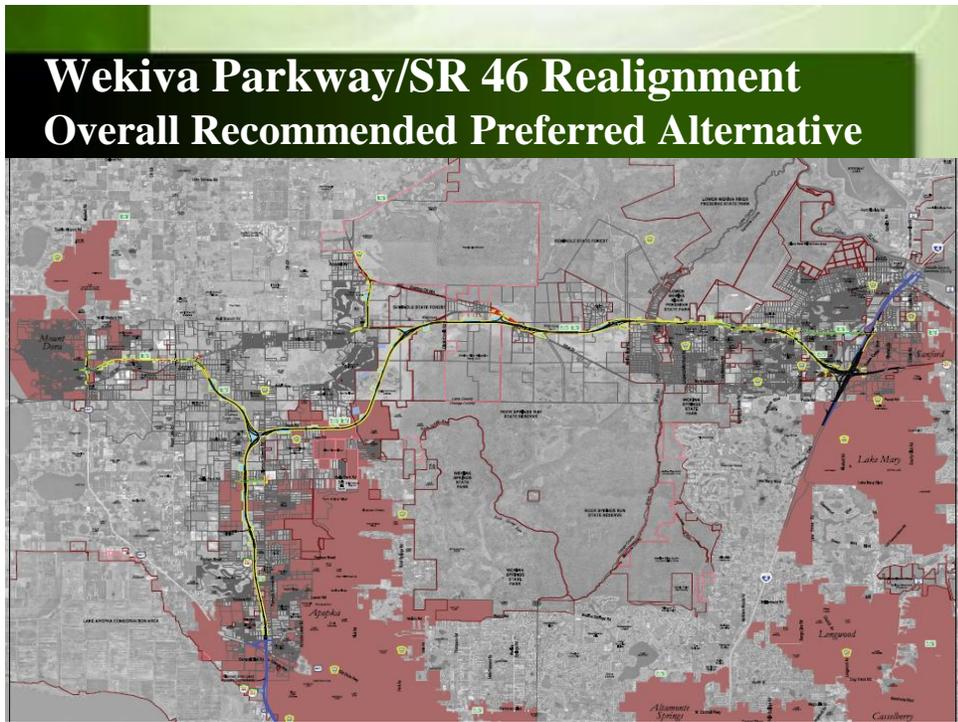
At the request of the Seminole County Expressway Authority (SCEA) Board, FDOT conducted Traffic, Impact and Cost Assessment of the Wekiva Parkway Community Coalition Alignment Alternative in 2008. From October 13-21, 2008, OOCEA met with the SCEA Board members to review the assessment results and on October 27<sup>th</sup>, a meeting was held with WPCC representatives. A presentation was made to the SCEA board on November 18, 2008. Agencies continued to work together to resolve concerns for this alignment throughout 2009.

Figure 7 depicts Map G “Seminole County/Bevier Rd Alternative” as proposed by the WPCC.

**Figure 7 – Map G “ Seminole County/Bevier Rd Alternative”**

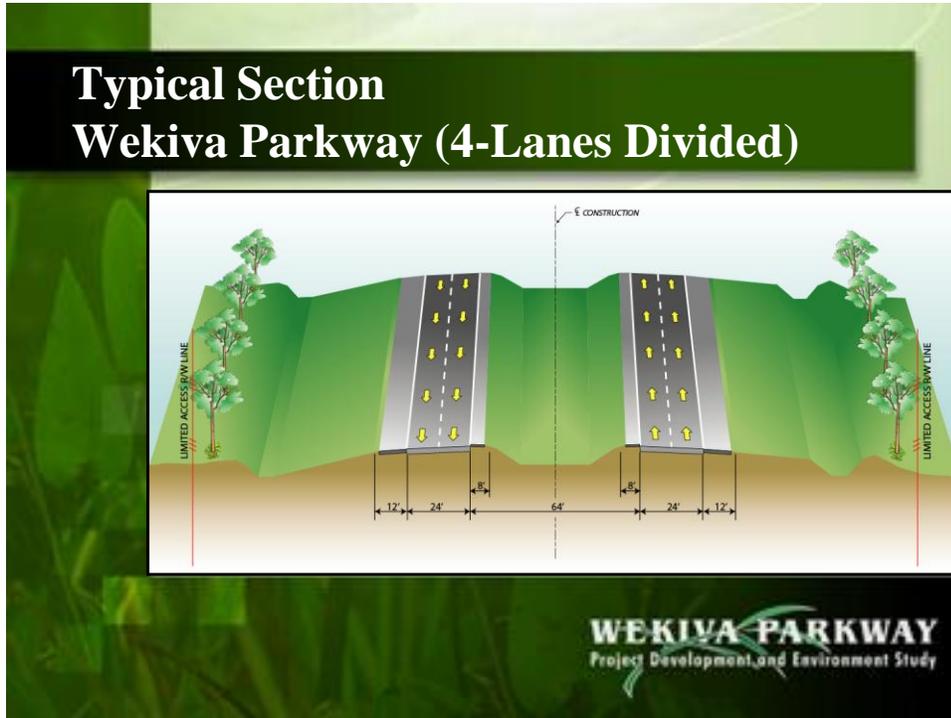


**Figure 8 – Wekiva Parkway/SR 46 Overall Recommended Preferred Alternative**



The Wekiva Parkway will vary in the number of lanes throughout its extent. The figures below illustrate the typical cross sections for each scenario.

**Figure 9 – Wekiva Parkway 4 Lanes Divided**



**Figure 10 – Wekiva Parkway 6 Lanes Divided**



Figure 11 – SR 46 Widening to 6 Lanes



Figure 12 – Wekiva Parkway 4 Lanes w/Frontage Roads



**Figure 13 – Wekiva Parkway 6 Lanes w/Frontage Roads**



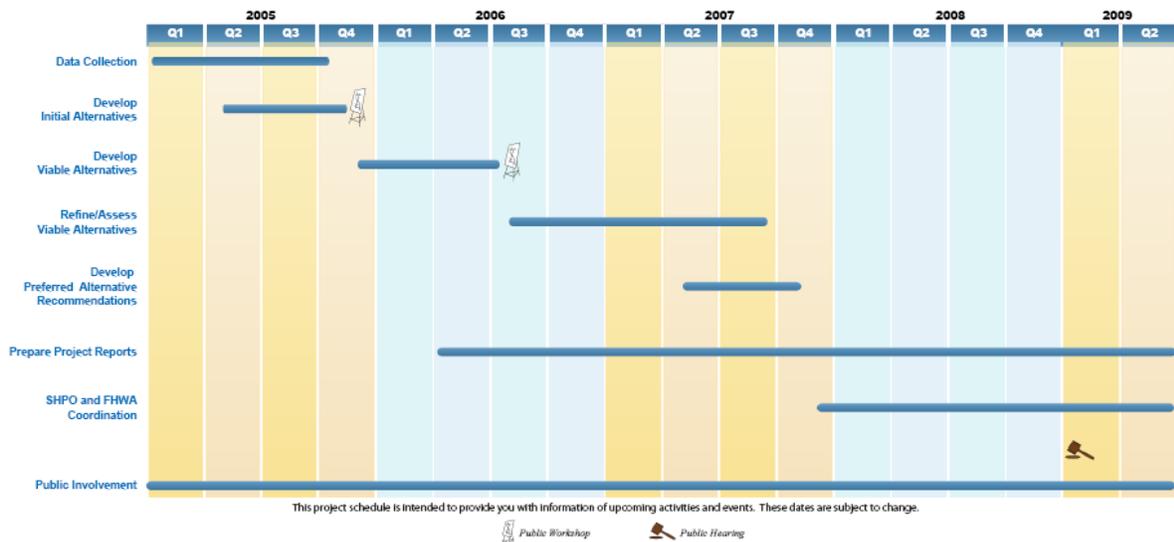
*PD&E Study Presentation: OOCEA and FDOT*

The following steps are required before finalization of all alignments for the Parkway:

- Receive approval from the Orlando-Orange County Expressway Authority Board;
- Gain Federal Highway Administration (FHWA) approval;
- FDOT and FHWA approval of SR 417/I-4 Interchange Modification Report;
- Gain State Historic Preservation Office approval;
- Complete the Engineering and Environmental Documents; and
- Schedule and hold public hearings.

Figure 7 shows the timeline for completion.

**Figure 7 – Study Schedule**



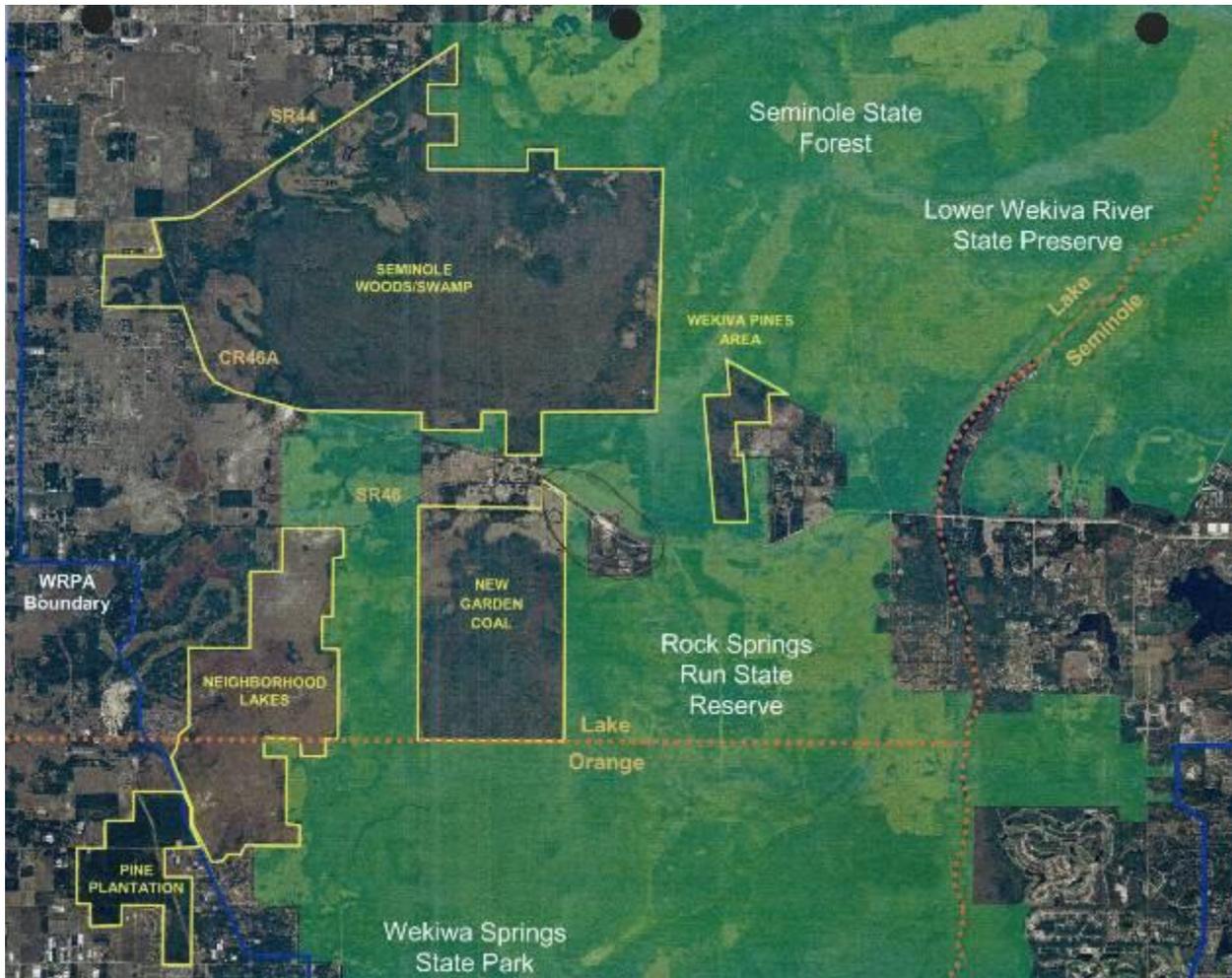
## RECOMMENDATION 2 – INTERCHANGE LAND USE PLANS

Section 369.321(1) F.S. of the *Wekiva Parkway and Protection Act* implements Recommendation 2 by requiring those local governments hosting an interchange to adopt an interchange land use plan within their comprehensive plans. The interchange plans would address appropriate land use and compatible development, secondary road access, access management, right-of-way protection, vegetation protection and water conserving landscaping, and height and appearance of structures and signage. As noted in the final report of the Wekiva River Basin Coordinating Committee, the primary objectives of the interchange land use plans are to allow for development that is appropriate, compatible and protective of the area’s natural resources.

This requirement was amended by the Wekiva “glitch” bill to provide for a time certain. The time was changed to reflect the sequence of events in the design of the Parkway so that the interchange plans are due one (1) year after those locations have been finalized and approved.

## RECOMMENDATION 3 – LAND ACQUISITION

Figure 14 – Properties for Acquisition



Section 369.317 (6) F.S. of the *Wekiwa Parkway and Protection Act* grants authority to the OOCEA to act as a third-party acquisition agent in the purchase of the following properties shown in Figure 14:

- *Neighborhood Lakes*
- *New Garden Coal*
- *Pine Plantation*

In 2005, an agreement was reached with the Wekiwa River Mitigation Bank LLC to protect land within the New Garden Coal parcel. In 2007, Neighborhood Lakes was acquired through cooperation between the OOCEA, the SJRWMD, and Orange and Lake County. Pine Plantation was acquired in 2008 with Florida Forever funds.

#### **RECOMMENDATION 4 – RECHARGE CRITERIA**

Section 369.318(4) F.S. of the *Wekiva Parkway and Protection Act* requires the St. Johns River Water Management District (SJRWMD) to amend the recharge criteria in Rule 40C-41.063 (3), F.A.C. to provide that the post-development recharge volume conditions within the Wekiva Study Area approximate predevelopment recharge volume conditions. The Wekiva Recharge Rule was revised and went in effect in early 2006.

The Committee further recommended that the SJRWMD update the minimum flow and level standards for Rock Springs and Wekiva Springs. This past year the SJRWMD presented their findings to the Wekiva River Basin Commission. After studies by consultants and expanded ecological monitoring, it was concluded that minimum flows are occurring. The relationship between flow and level are continually readjusted; therefore, the SJRWMD is considering the addition of monitoring sites upstream from the SR 46 location. The areas where shortfalls are projected by 2025 were presented as well.

#### **RECOMMENDATION 5 – AGRICULTURAL NONPOINT POLLUTION**

Section 369.318 (9) F.S. of the *Wekiva Parkway and Protection Act* appoints the Florida Department of Agriculture and Consumer Services (FDACS) as the lead agency to coordinate the reduction of agricultural nonpoint pollution sources. The FDACS completed and adopted numerous Rules and Manuals for Best Management Practices. Those potentially pertaining to Wekiva are the Statewide Manual for Container Nurseries, Vegetable and Agronomic Crops, Silviculture, Sod, Cow/Calf and Ridge Citrus. In 2009, the Florida Sod Manual was adopted. Table 1 provides the status of FDACS rules/manuals applicable to the Wekiva area.

**Table 1. Status of FDACS BMP Programs**

OAWP BMP Programs	Rule	Area(s) of Application	Development/Revision Status
<i>Ridge Citrus</i>	5E-1	Non-bedded citrus grown on permeable, better-drained soils	<i>In effect - consolidation into a statewide citrus manual underway</i>
<i>Container Nurseries</i>	5M-6	Statewide applicability	<i>In effect - under revision to include in-ground nurseries</i>
<i>Vegetable/ Agronomic Crops</i>	5M-8	Statewide applicability	<i>In effect - under revision; will include forage grass</i>
<i>Sod Farms</i>	5M-9	Statewide applicability	<i>In effect - adopted October 2008</i>
<i>Cow/Calf Operations</i>	5M-11	Statewide applicability	<i>In effect - Adopted April 2009</i>
<i>Equine/Horse Farms</i>	TBD	Statewide - commercial equine operations	<i>Under development - Targeted for adoption 2010</i>
<i>Specialty Fruit and Nut</i>	TBD	Statewide applicability - (e.g., blueberries, pecans, tropical fruit)	<i>Under development - Targeted for adoption 2010</i>
<i>Conservation Plans</i>	TBD	Statewide applicability to rule-specified operations	<i>Under development --Targeted for adoption 2010</i>
Other FDACS BMPs	Rule	Area(s) of Application	Lead Entity
<i>Silviculture</i>	5I-6	Statewide applicability	<i>In effect - adopted/implemented by Division of Forestry</i>
<i>Aquaculture</i>	5L-3	Statewide applicability	<i>In effect - adopted/ implemented by Division of Aquaculture</i>

## RECOMMENDATION 6 – POLLUTION LOAD REDUCTION GOALS

Section 369.318(8) F.S of the *Wekiva Parkway and Protection Act* requires the St. Johns River Water Management District (SJRWMD) to establish Pollution Load Reduction Goals (PLRGs) for the Wekiva Study Area and to assist the FDEP in adopting total maximum daily loads (TMDL) for impaired water within the Study Area. The PLRG process undertaken by the SJRWMD involved the following steps:

- Analyze new and existing data and identify pollutants that impair the springs
- Develop water quality targets for those pollutants (e.g., nutrient concentrations, coliform levels)
- Evaluate the relationship between current pollutant loadings and acceptable pollutant concentrations
- Determine reductions in load needed to meet specified water quality targets

In 2006, the SJRWMD presented the PLRG studies to FDEP.

In 2007, the internal TMDL document reviews were completed. The first public meeting was held in November 2007, opening the public commenting period. The TMDLs were adopted in 2008 with the new thresholds enacted in March 2009.

The Florida Department of Environmental Protection (FDEP) then began the process to develop two Basin Management Action Plans: one for Wekiva/Little Wekiva River, Rock Spring Run, & Wekiwa Spring and one for the lakes in the Wekiva Study Area with technical support provided by the SJRWMD.

FDEP began the Basin Management Action Plan process in March 2009 with a kick off meeting held at Sylvan Lake Park and progress toward the completion of the BMAP continued throughout 2009. A Basin Working Group (BWG) comprised of FDEP, SJRWMD, local governments and Friends of the Wekiva River is working cooperatively in the BMAP development process. Public BWG meetings were held on June 17 and August 19, 2009.

## **RECOMMENDATION 7 – MASTER STORMWATER MANAGEMENT PLAN**

Section 369.319 of the Wekiva Act requires each of the local governments in the Wekiva Study Area to develop a Master Stormwater Management Plan (MSMP) for their portion of the Wekiva Study Area. The MSMP is required to:

- Assess existing problems and deficiencies in the community
- Identify projects to meet long-range needs
- Establish priorities to address existing deficiencies
- Establish measures to address redevelopment
- Establish a schedule to complete needed improvements
- Evaluate the feasibility of stormwater reuse
- Include requirements for inspection and maintenance of facilities
- Identify funding sources

In order to assist local governments in applying the information and strategies to their jurisdictions, the SJRWMD conducted a series of workshops with local governments. Jurisdictions were scheduled to submit Stormwater Amendments by the end of 2007. Ocoee and Eustis are not in compliance, while Eatonville and Orlando are in the process of responding to the Objections Recommendations Comments (ORC) Report, and the

remainder is complete and in compliance. Table 2 outlines the status of all Stormwater Amendments.

**Table 2 – Status of Stormwater Amendments**

Jurisdiction	Status			
	Not Submitted	ORC Report	“Not In Compliance”	“In Compliance”
Seminole County				X
Altamonte Springs				X
Lake Mary				X
Longwood				X
Orange County				X
Apopka				X
Eatonville		X		
Maitland				X
Oakland				X
Ocoee			X	
Orlando		X		
Winter Garden				X
Lake County				X
Eustis			X	
Mt. Dora				X

### **RECOMMENDATION 8 – WASTEWATER TREATMENT STANDARDS**

Section 369.318(1) F.S. of the *Wekiva Parkway and Protection Act* requires the Florida Department of Environmental Protection (FDEP) to study the efficiency and applicability of water quality and wastewater treatment standards needed to achieve nitrogen reductions protective of surface and groundwater quality within the Wekiva Study Area. The Department completed its report entitled *A Strategy for Water Quality Protection: Wastewater Treatment in the Wekiva Study Area* in December 2004. In October 2005, the Department initiated rulemaking and a public hearing was held on November 1, 2005 in the City of Apopka. The public hearing was well attended and positive. A briefing on the rule before the Environmental Regulatory Commission was held in January 2006. The rule was adopted in February 2006 and effective of April 2006.

## RECOMMENDATION 9 – ON-SITE DISPOSAL SYSTEMS

Section 369.318 (2) F.S. charges the Florida Department of Health (FDOH) with addressing nitrogen reductions through appropriate on-site sewage disposal standards. The Department studied the efficacy and applicability of modifying disposal standards as a way of protecting the Study Area's groundwater quality. FDOH determined that it was possible to provide higher level treatment and protection through improved technology, and, in March 2005, the Department initiated rulemaking.

However, in August 2005, major concerns were voiced at four (4) public meetings held to review the proposed rule. The primary issue regarded the cost of system replacements for existing homeowners. As a result, a decision was made that further studies, including field work, were needed before moving forward with finalizing any rule changes.

In 2006, the Legislature appropriated \$250,000 to FDOH and \$25,000 to the Department of Environmental Protection to conduct further studies. The Research Review and Advisory Committee (RRAC) provided objectives. This was determined to be a collaborative effort with involvement from various agencies and the public.

In 2007, the nitrogen study was completed and rule-making activities recommenced. The consideration of possible recommendations began. Considerations included policies for new developments and more stringent regulations in the area of septic tank maintenance and inspection, recommending the legislature institute a nitrogen discharge fee and implement an onsite wastewater management program. That program would require maintenance and inspection every five years beginning July 1, 2008, or when property ownership changes. All new systems would be performance based treatment systems providing pretreatment. The proposed rule language for the Wekiva Study Area called for a 70 percent reduction in nitrogen and the creation of an inventory of all onsite systems in the Wekiva Study Area. The language also addressed existing systems in need of repair and land application restrictions specific to the Wekiva Study Area.

Throughout 2008 and 2009, this continued to be a contentious topic due to the concern regarding funding for the repair and replacement of existing on-site disposal systems. However, the rule-making activities continued to move forward through 2009 until, in mid-2009, the Legislature appropriated funds for a study to develop recommendations on passive strategies for nitrogen reduction on-site sewage disposal systems. The study is in progress with a final report due to the Governor by May 1, 2010. The rule making process is currently on hold pending the results of the study.

## **RECOMMENDATION 10 – COORDINATED STRATEGIES FOR PRESCRIBED BURNING**

This recommendation relates to the issue of prescribed burning and the need to continue this practice as a way of mirroring the natural process required for many of the plant communities in the Study Area. While there is no specific statutory requirement, the *Wekiva River Basin Coordinating Committee Final Report* identified the Florida’s Division of Forestry as the appropriate agency for leading a coordinated effort on this issue. The Division of Forestry continues working through the Central Florida Prescribed Fire Council (which includes the major agencies and entities identified in the recommendation) to promote education and understanding of the issue.

## **RECOMMENDATION 11- COORDINATED PLANNING FOR APOPKA/ORANGE COUNTY**

This recommendation addresses the need for coordinated planning and joint agreement on annexation in Northwest Orange County. In response, the City of Apopka and Orange County have developed and adopted (October, 2004) a joint planning agreement (JPA) that provides future areas of annexation, land uses and associated densities and intensities of use. This agreement currently is being used by both parties in addressing the comprehensive planning requirements of the *Wekiva Parkway and Protection Act* and review of individual development proposals.

## **RECOMMENDATION 12 – AVAILABILITY OF CUP CAPACITY**

This recommendation is addressed through s369.322 (1) of the *Wekiva Parkway and Protection Act*. It requires the FDCA and the SJRWMD to ensure that local comprehensive plan amendments proposing to increase development in the Study Area demonstrate that adequate consumptive use permit (CUP) capacity exists. This requirement currently is being applied in the review of plan amendments by both agencies.

## **RECOMMENDATION 13 – WASTEWATER FACILITY PLANS**

This recommendation is implemented through Section 369.320 F.S. of the *Wekiva Parkway and Protection Act*. It requires local governments within the Wekiva Study Area to develop a Wastewater Facility Supply Plan for joint planning areas and utility service areas. An important component of this planning is the requirement to update the plans if the TMDLs require reductions in point source pollutants for a basin or is required by legislation for enhanced treatment standards. Table 3 outlines the status of all the Amendments.

**Table 3 – Status of Wastewater Amendments**

Jurisdiction	Status			
	Not Submitted	ORC Report	“Not In Compliance”	“In Compliance”
Seminole County		X		
Altamonte Springs				X
Lake Mary		X		
Longwood				X
Orange County				X
Apopka	X			
Eatonville		X		
Maitland				X
Oakland				X
Ocoee	X			
Orlando				X
Winter Garden				X
Lake County				X
Eustis			X	
<b>Mt. Dora</b>				<b>X</b>

**RECOMMENDATION 14 – LAND USE STRATEGIES**

Section 369.321 (3) F.S. of the *Wekiva Act* addresses this recommendation by requiring local governments to establish land use strategies that optimize open space and promote a pattern of development that protects the most effective recharge areas, karst features, and sensitive natural habitats. In March 2005 the Florida Department of Community Affairs (FDCA) prepared a technical assistance manual for local governments entitled *Guidelines for Preparing Comprehensive Plan Amendments for the Wekiva Study Area*. This manual outlined the requirements, information sources and suggested approaches for meeting the requirements of the Act. In addition, the East Central Florida Regional Planning Council hosted three (3) technical assistance meetings with local governments to discuss the requirements and coordinate development of the amendments among the fifteen (15) jurisdictions. As of 2009, the majority of the jurisdictions are in compliance with the exception of Ocoee and Eustis. Orange County and Eatonville are in the process of responding to the Objections, Recommendations and Comments (ORC) Report. Table 4 outlines the status of all the Amendments.

**Table 4 – Status of Land Use Strategy Amendments**

Jurisdiction	Status			
	Not Submitted	ORC Report	“Not In Compliance”	“In Compliance”
Seminole County				X
Altamonte Springs				X
Lake Mary				X
Longwood				X
Orange County		X		
Apopka				X
Eatonville		X		
Maitland				X
Oakland				X
Ocoee			X	
Orlando				X
Winter Garden				X
Lake County				X
Eustis			X	
Mt. Dora				X

**RECOMMENDATION 15 – BALANCING RESOURCE PROTECTION AND ECONOMIC DEVELOPMENT**

Section 369.322 (3) F.S. of the *Wekiva Parkway and Protection Act* encourages development initiatives that ensure protection of surface and groundwater resources while promoting compact, ecologically and economically sustainable growth. In response to this recommendation, the Florida Department of Community Affairs (FDCA) produced the guidelines noted above, which suggest a variety of techniques and tools for guiding balanced growth that can be used by local governments.

**RECOMMENDATION 16 – BEST MANAGEMENT PRACTICES**

This recommendation is being addressed by the Florida Department of Agriculture and Consumer Services (FDACS) through their rulemaking activities required by Section 369.318 (9) F.S. of the *Wekiva Parkway and Protection Act* and development of their Best Management Practices Manuals referenced in Recommendation 5.

## **RECOMMENDATION 17 – PUBLIC EDUCATION**

This is an ongoing activity of the SJRWMD through their water conservation planning activities.

# APPENDIX

**List of Meetings Held or Attended in 2009**  
**Wekiva Parkway (SR 429)/SR 46 Realignment**  
**Project Development & Environment (PD&E) Study**

- 01/14/09 – Wekiva Parkway/SR 46 Realignment PD&E Study Progress Meeting No. 69
- 01/26/09 – Meeting at OOCEA with Executive Director Mike Snyder on responses to FHWA comments on Section 4(f) Avoidance Alternative Analysis
- 01/28/09 – Wekiva Parkway/SR 46 Realignment PD&E Study Progress Meeting No. 70
- 01/29/09 – Meeting at OOCEA with PIO on Public Involvement Activities
  
- 02/05/09 – FDOT Section 4(f) meeting and Wekiva River bridge site visit with National Park Service, Southeastern Rivers Program Manager
- 02/09/09 – Meeting in Sorrento with Residents along SR 46 in East Lake County
- 02/25/09 – District Interchange Review Committee Meeting at FDOT in DeLand
- 02/27/09 – Wekiva River Basin Commission Meeting at ECFRPC in Maitland
  
- 03/03/09 – Meeting at OOCEA with Executive Director Mike Snyder to finalize OOCEA/FDOT responses to FHWA comments on Section 4(f) Avoidance Alternative Analysis
- 03/11/09 – Wekiva Parkway/SR 46 Realignment PD&E Study Progress Meeting No. 71
- 03/16/09 – Meeting in Tallahassee at FHWA Florida Division Office with FDOT and OOCEA on Section 4(f) evaluations
- 03/26/09 – Meeting in DeLand with OOCEA and FDOT on the revised Individual Section 4(f) Evaluation
  
- 04/08/09 – Wekiva Parkway/SR 46 Realignment PD&E Study Progress Meeting No. 72
- 04/14/09 – Meeting in Sorrento with east Lake County SR 46 area residents, their attorney, and FDOT District Five Right-of-Way Department staff
- 04/23/09 – Meeting in DeLand with OOCEA and FDOT concerning the FHWA comments on the Programmatic Section 4(f) Evaluation for public lands
  
- 05/06/09 – Wekiva Parkway/SR 46 Realignment PD&E Study Progress Meeting No. 73
- 05/18/09 – PD&E Study update meeting with Seminole County Commission Chairman Bob Dallari in Sanford
  
- 06/09/09 – Met with URS to assist them in starting the Trails Feasibility Study for FDOT
- 06/10/09 – PD&E Study update meeting with Representative Alan Hays in Umatilla
- 06/11/09 – PD&E Study update meeting with Representative Bryan Nelson in Apopka
- 06/12/09 – Meeting/video conference with the FHWA Florida Division Administrator, FDOT Central Office, FDOT District Five and OOCEA about Section 4(f) documents

- 06/15/09 – Meeting with OOCEA Deputy Executive Director Joe Berenis and PBSJ on preliminary Lake County East traffic circulation concepts
- 06/17/09 – Wekiva Parkway/SR 46 Realignment PD&E Study Progress Meeting No. 74
- 06/23/09 – Meeting at Mount Dora City Hall with City Manager Mike Quinn and Director of Planning Mark Reggentin on results of the US 441/SR 46 Area Traffic Simulation Modeling
- 06/23/09 – Meeting with land owner Lou Fabrizio and developer Nathan Sanders concerning access to the Orange Commons LLC parcel on SR 46 in Seminole County
- 06/29/09 – Wekiva River Basin Commission meeting at ECFRPC (presentation)
- 06/30/09 – Meeting with Progress Energy substation site team on future parcel access off Ponkan Road in Orange County
  
- 07/21/09 – Lake County Board of County Commissioners meeting in Tavares
- 07/21/09 – Meeting with OOCEA and District Five EMO in DeLand on CEMO review comments on Section 4(f) documents and to review plots of preliminary frontage roads concept in Lake County East project area
  
- 08/12/09 – OOCEA and FDOT District Five meeting with FDEP in Tallahassee
- 08/13/09 – Meeting at OOCEA with PBSJ to review plots of additional preliminary frontage roads concepts in Lake County East project area
- 08/25/09 – Project update meeting with Lake County Commissioner Linda Stewart and Lake County Sheriff Gary Borders in Tavares
  
- 09/01/09 – Mount Dora City Council Meeting (presentation)
- 09/03/09 – Meeting with FHWA District Engineer at FDOT in DeLand
- 09/08/09 – Meeting with Sen. Lee Constantine at his Altamonte Springs district office
- 09/09/09 – Wekiva Parkway/SR 46 Realignment PD&E Study Progress Meeting No. 75
- 09/16/09 – Meeting at OOCEA with Charles Lee of the Audubon Society and FDOT District Five staff
- 09/23/09 – Wekiva Parkway/SR 46 Realignment PD&E Study Progress Meeting No. 76
- 09/24/09 – Meeting with Sen. Carey Baker in Eustis
- 09/24/09 – Meeting with Jim Stivender, Lake County Public Works Director, in Eustis
- 09/24/09 – Meeting with Lake County Commissioner Linda Stewart in Eustis
- 09/28/09 – Meeting with Rep. Alan Hays in Umatilla
- 09/28/08 – Meeting with Capt. Todd Luce at the Lake County Sheriff’s Department in Tavares in advance of a public meeting that evening in Sorrento
- 09/28/09 – Night meeting in Sorrento with citizens from east Lake County, Rep. Alan Hays, OOCEA Executive Director Mike Snyder, FDOT District Five Secretary Noranne Downs, and FDOT Secretary Stephanie Kopelousos
  
- 10/02/09 – Meeting with Gary Johnson, Seminole County Public Works Director, and Jerry McCollum, Seminole County Engineer, with Executive Director Mike Snyder at OOCEA

- 10/08/09 – Meeting at OOCEA with Executive Director Mike Snyder and Deputy Executive Director Joe Berenis concerning information for upcoming FDEP meeting on mitigation measures and programmatic 4(f) concurrence
  - 10/21/09 – Wekiva Parkway/SR 46 Realignment PD&E Study Progress Meeting No. 77
  - 10/22/09 – FDOT/OOCEA meeting in Sanford with Seminole County Commissioner Dick Van Der Weide on traffic projections for Seminole County
  - 10/26/09 – Meeting at HDR with FDOT on SR 417/I-4 Interchange Modification Report
  - 10/26/09 – FDOT/OOCEA meeting in Sanford with Seminole County Commissioner Carlton Henley on traffic projections for Seminole County
  - 10/26/09 – FDOT/OOCEA meeting in Sanford with Seminole County Commissioner Brenda Carey on traffic projections for Seminole County
  - 10/29/09 – FDOT/OOCEA meeting in Sanford with Seminole County Commissioner Bob Dallari on traffic projections for Seminole County
  - 10/29/09 – FDOT/OOCEA meeting in Sanford with Seminole County Commissioner Michael McLean on traffic projections for Seminole County
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- 11/02/09 – Meeting with OOCEA Executive Director Mike Snyder to discuss materials and information for the meeting on the following day in Tallahassee with FDEP
  - 11/03/09 – OOCEA and FDOT meeting on mitigation measures and other matters with FDEP Deputy Secretary Ballard in Tallahassee
  - 11/03/09 – Meeting at OOCEA with Deputy Executive Director Laura Kelley to finalize transportation symposium presentation on Wekiva Parkway
  - 11/04/09 – FDOT/OOCEA meeting in Sanford with SCEA Board member Sanford City Commissioner Art Woodruff
  - 11/09/09 – FDOT/OOCEA meeting in Lake Mary with SCEA Board member Lake Mary City Commissioner Gary Brender
  - 11/18/09 – Wekiva Parkway/SR 46 Realignment PD&E Study Progress Meeting No. 78
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- 12/02/09 – Wekiva Parkway/SR 46 Realignment PD&E Study Progress Meeting No. 79
  - 12/07/09 – Meeting in Tavares with Lake County Manager Sandy Minkoff and Lake County Public Works Director Jim Stivender
  - 12/08/09 – OOCEA/FDOT coordination and preparation meeting in advance of the east Lake County public workshop
  - 12/11/09 – Meeting in Tavares with Lake County Commissioner Linda Stewart
  - 12/16/09 – Wekiva Parkway/SR 46 Realignment PD&E Study Progress Meeting No. 80
  - 12/17/09 – OOCEA Board Meeting (Wekiva Parkway presentation)
  - 12/17/09 – Evening Public Workshop in Sorrento on Preliminary Service Road Concept in East Lake County

