



# Seminole Expressway Widening

PROJECT DEVELOPMENT & ENVIRONMENT (PD&E) STUDY  
FINANCIAL PROJECT NUMBER: 417545-1



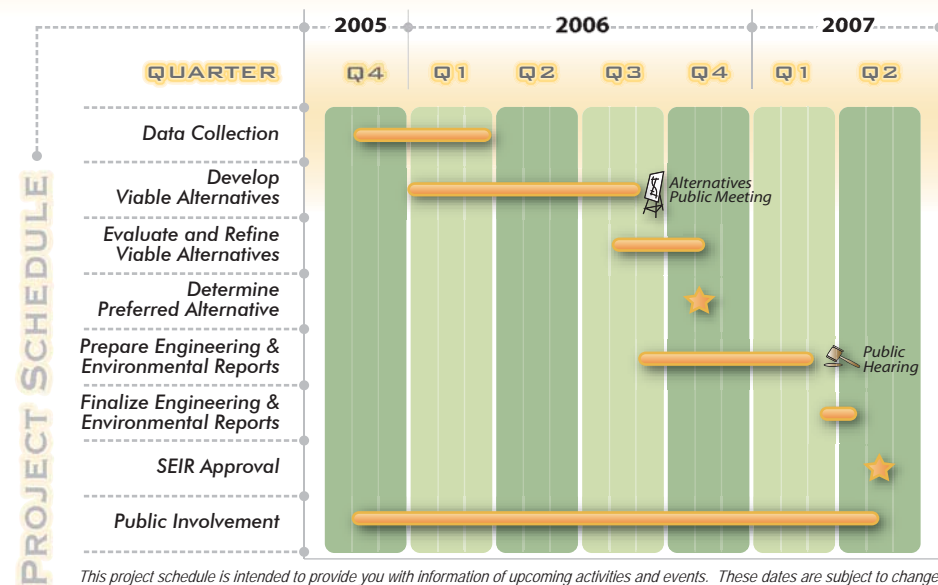
CHANGE SERVICE REQUESTED

FLORIDA DEPARTMENT OF TRANSPORTATION  
Florida's Turnpike Enterprise  
P.O. Box 613069  
Ocoee, FL 34761

## Seminole Expressway Widening Project Development & Environment Study

### PROJECT STATUS

The PD&E Study was initiated in November 2005 and is expected to be completed by the end of May 2007. The evaluation of alternatives to widen Seminole Expressway to eight lanes and the development of viable interchange alternatives is in progress. A Public Information Meeting is scheduled for Fall 2006 and a Public Hearing is scheduled in the Spring of 2007.



### PROJECT CONTACT INFORMATION



If you have any questions or would like to provide comments concerning this project, please contact the Florida's Turnpike Enterprise Project Manager, Henry Pinzon.

**Henry Pinzon, P.E.**  
Project Manager

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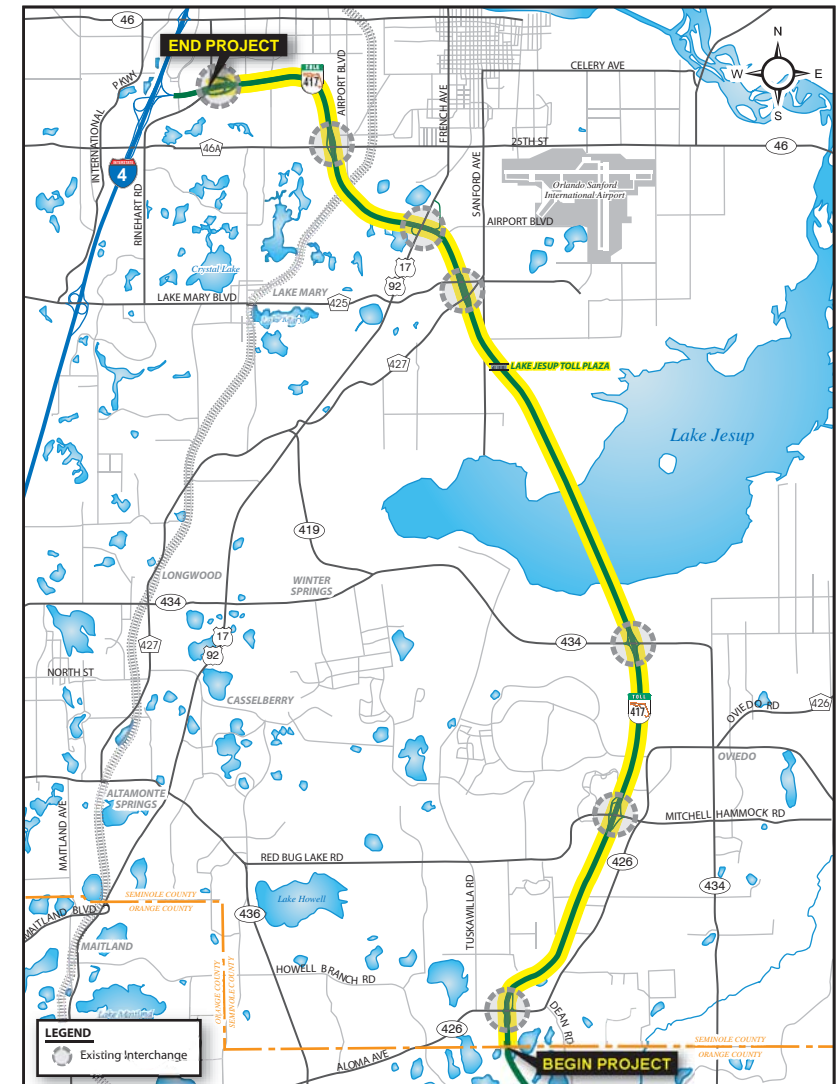
### PROJECT OVERVIEW

The Florida Department of Transportation (FDOT), Florida's Turnpike Enterprise, initiated a Project Development and Environment (PD&E) Study in November 2005 to develop and evaluate potential improvements to the Seminole Expressway (SR 417) from the Orange County line (MP 38) to the Rinehart Road Interchange (MP 54). Traffic projections have indicated that this roadway will need to be widened up to eight lanes to meet future traffic needs. The Florida's Turnpike Enterprise is currently re-evaluating the widening of this facility from four lanes to six lanes concurrently with this PD&E Study. The design and construction phase for widening Seminole Expressway from four lanes to six lanes between Aloma Avenue and SR 434 is expected to occur within the next five years.

The objective of this Seminole Expressway Widening PD&E Study is to provide the information necessary for the Florida's Turnpike Enterprise to reach a decision on the type, design, and location of potential improvements to an ultimate eight-lane configuration in an effort to enhance mobility, accommodate expected traffic needs, and improve overall safety along the study corridor. The study process consists of the development and analysis of roadway typical section alternatives for the eight-lane configuration, an assessment of alternatives to improve the existing interchanges and an evaluation of any potential social, natural, and physical environmental effects associated with proposed improvements. This project newsletter summarizes the project status on the Seminole Expressway Widening PD&E Study.

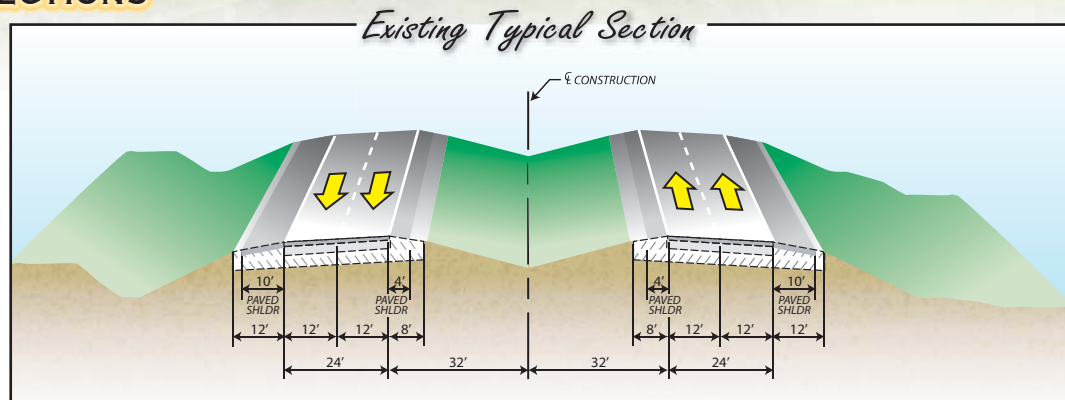
### PROJECT STUDY AREA

The Seminole Expressway is a major urban expressway that serves as the northeast segment of the metropolitan Orlando Beltway System linking the Central Florida GreeneWay (SR 417) in Orange County to Interstate 4 (I-4) in northern Seminole County. The existing limited access facility is a four-lane, north-south toll road throughout the study area. This study involves evaluating the widening of the Seminole Expressway to eight lanes from the Orange County line (MP 38) to the Rinehart Road interchange (MP 54), a distance of approximately 16 miles. There are seven interchanges within the study area including interchanges at Aloma Avenue, Red Bug Lake Road, SR 434, CR 427/Lake Mary Boulevard, US 17/92 (Airport Boulevard), CR 46A and Rinehart Road. The Lake Jesup Toll Plaza, located north of Lake Jesup between SR 434 and CR 427, is the only mainline toll plaza within the project limits. Improvements to the existing interchanges and toll plazas are being analyzed as part of this PD&E Study.

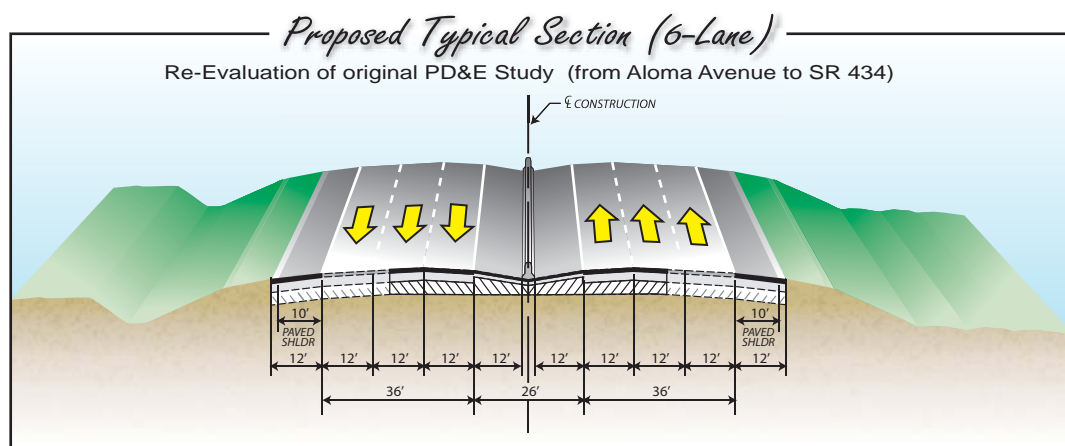


Project Location Map

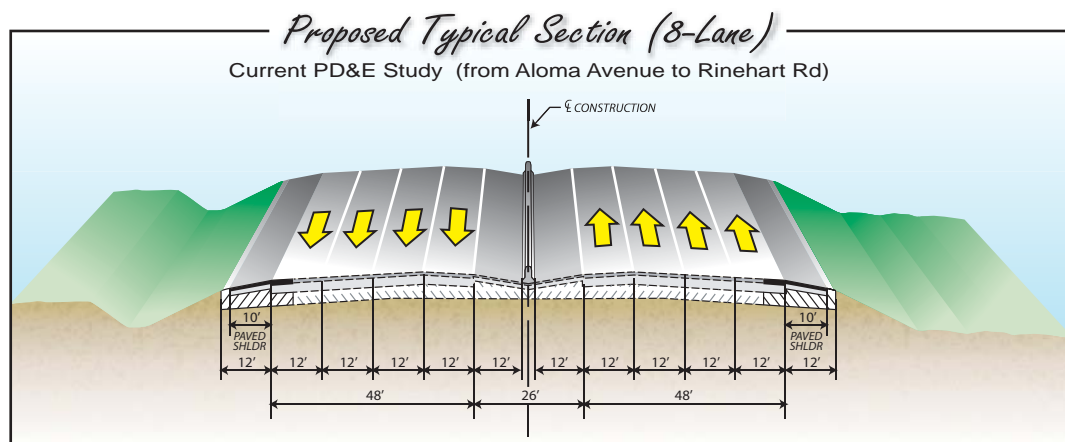
## TYPICAL SECTIONS



The existing typical section includes two 12-foot travel lanes in each direction separated by a 64-foot median. Paved shoulders are adjacent to the inside and outside travel lanes.



Concurrent with this PD&E Study is a re-evaluation of a portion of the original PD&E Study (from Aloma Avenue to SR 434) which included an approved six-lane facility. The six-lane typical section involves widening the roadway to the inside 19 feet, closing the median, and constructing a concrete barrier wall to provide a physical separation of opposing travel lanes. The concrete barrier wall will be continuous with intermittent openings for emergency and authorized vehicles only.



This PD&E Study will evaluate the widening of the Seminole Expressway from six lanes to eight lanes. Construction of the eight-lane widening will be phased, by segment, as traffic demand increases. The eight-lane typical section involves widening five feet to the outside of the six-lane typical section. The proposed widening will be accomplished within the existing right-of-way to minimize potential effects to the social, natural and physical environments. Right-of-way may be required for interchange and stormwater management improvements.

## VIABLE INTERCHANGE ALTERNATIVES

Interchange concepts are being developed to accommodate the proposed widening, to address the future traffic needs and to enhance safety and mobility along the study corridor. These interchange concepts are being evaluated to determine the viability of each concept based on several factors including potential natural and environmental effects, constructability and cost. These viable interchange alternatives will be presented at the upcoming Public Information Meeting. These alternatives will be refined following the completion of the evaluation of the alternatives and after public input is received following the Public Information Meeting.



## PROJECT CONCERNS

The existing roadway traverses over Lake Jesup and adjacent to environmentally sensitive areas including Lake Jesup Park and the Lake Jesup Conservation Area. A complete evaluation of any potential social, natural, and physical environmental effects associated with improvement concepts is being conducted during this PD&E Study. The evaluation includes an analysis of stormwater treatment needs for the proposed widening of the Seminole Expressway.

## PUBLIC INVOLVEMENT

Florida's Turnpike Enterprise remains committed to working with all project stakeholders as improvements to the Seminole Expressway are being studied. Turnpike representatives have made presentations on the Seminole Expressway Widening PD&E study to various agencies and groups including the City of Oviedo, the Friends of Lake Jesup, Seminole County and METROPLAN Orlando. The meetings held with METROPLAN Orlando included presentations to the Board and to each of the committees including the Bicycle/Pedestrian Advisory Committee, the Citizens' Advisory Committee, the Municipal Advisory Committee and the Transportation Technical Committee.

The PD&E Study Team is available for meetings to discuss the project and to provide the latest information on improvement concepts. Your input, along with the technical evaluations, will provide the basis for the final recommendations.

## PUBLIC INFORMATION MEETING SCHEDULED

The Florida Department of Transportation, Florida's Turnpike Enterprise, will hold a Public Information Meeting in early Fall 2006 for the Seminole Expressway Widening PD&E Study. Notification of the exact date and location of this Public Information Meeting will be forthcoming. The purpose of this workshop is to provide residents, homeowners, business owners and other concerned persons the opportunity to review project information and to contribute to the decision making process.

