

Item # 80

SEMINOLE COUNTY GOVERNMENT  
AGENDA MEMORANDUM

SUBJECT: Capital Improvements Element - 2005 Annual Update

DEPARTMENT: Planning & Development DIVISION: Planning

AUTHORIZED BY: Dan Matthys *DM* CONTACT: Dick Boyer *DB* EXT. 7382

Agenda Date	<u>12/20/05</u>	Regular	<input type="checkbox"/>	Consent	<input type="checkbox"/>	Work Session	<input type="checkbox"/>	Briefing	<input type="checkbox"/>
		Public Hearing – 1:30	<input checked="" type="checkbox"/>	Public Hearing – 7:00	<input type="checkbox"/>				

**MOTION/RECOMMENDATION:**

1. ADOPT an ordinance amending the Capital Improvements Element of the Seminole County Comprehensive Plan (Vision 2020 Plan) by updating and replacing in full the Exhibits section of the Capital Improvements Element;
2. DENY adoption of the proposed amendment to the Capital Improvements Element of the Seminole County Comprehensive Plan (Vision 2020 Plan);
3. CONTINUE this item to a date and time certain.

(Unincorporated Seminole County)

(Dick Boyer, Senior Planner)

**BACKGROUND:**

The Capital Improvements Element (CIE) of the Comprehensive Plan (Plan) enables implementation of Plan goals, objectives, and policies needing capital and operating funding. Each year, the Exhibits section of the CIE is updated to ensure that the adopted list of capital projects in the Comprehensive Plan matches the County's newly adopted fiscal year budget and approved five year Capital Improvements Program (CIP). Additionally, the update evaluates each facility's capacity to provide the adopted level of service to existing and projected users within the next five year planning period and the financial feasibility of those projects. The table on the following page presents a brief summary of each capital facility element addressed in the CIE and notice of any issues of interest.

Amendment of the CIE is exempt from inclusion in the twice-yearly large-scale amendment cycle process and therefore stands alone as an amendment to the Plan. In 2005, the Florida Legislature enacted legislation allowing adoption of an amendment to the CIE with a single, public adoption hearing.

**STAFF RECOMMENDATION:**

Staff recommends adoption of the proposed Capital Improvements Element amendment to the CIE Exhibits section.

Reviewed by:	<i>DB</i>
Co Atty:	<i>K2</i>
DFS:	<i>DB</i>
Other:	
DCM:	<i>DB</i>
CM:	<i>DB</i>
File No.	<u>ph130pdp03</u>

FACILITY	INDIVIDUAL FACILITY NOTES ON CIE UPDATE
Drainage	The County is currently meeting the adopted level of service and will continue to do so during the five-year planning period. The Department continues to make progress in initiating local and regional improvements as a result of completed basin studies, implementing water quality programs and maintaining the system to the degree funding allows.
Libraries	The County is currently meeting the adopted level of service and will continue to do so during the five-year planning period.
Potable Water/ Sanitary Sewer	The County is currently meeting the adopted levels of service and will continue to do so during the five-year planning period. Environmental Services has already submitted a consolidated Consumptive Use Permit (CUP) for all County service areas. During 2006, the Department will bring forward a 10-year water supply facilities work plan to meet legislative requirements.
Public Safety	The County is currently meeting the adopted level of service and will continue to do so during the five-year planning period with available and scheduled vehicle units.
Recreation	The County is currently meeting the adopted level of service and will continue to do so during the five-year planning period.
Solid Waste	The County is currently meeting the adopted level of service and will continue to do so during the five-year planning period.
Transportation - Mass Transit	The County is currently meeting the adopted level of service and will continue to do so during the five-year planning period. Currently, the 9 <sup>th</sup> Cent Gas Tax is the major source of funding with additional funding added each year to meet annual service costs. The County Manager and city mayors and managers have continued to work on the identification of a long-term, dedicated funding plan.
Transportation - Roads	The capacity tables for roads, shown in the CIE Exhibits, Facility Program – Transportation: Roads section, have been updated to reflect County and State improvements, i.e., widenings from 2 to 4 lanes, which provide additional capacity and improve the level of service.

Financial Feasibility of the CIE: In 2005, the Florida Legislature amended Section 163.3164 (32), Florida Statutes (i.e., Senate Bill 360) to include a definition of “financial feasibility”. The definition requires that sufficient revenues are currently available or will be available to fund the projected costs of the capital improvements identified in County’s five year Capital Improvements Element and ensure that adopted level-of-service standards are achieved. A demonstration of financial feasibility is now provided within this amended Exhibits Section of the CIE.

**AGENCY/BOARD RECOMMENDATIONS/ACTIONS:**

- **BCC – 12/20/05:** Scheduled adoption hearing date.

**ATTACHMENT(S):**

- Economic Impact Statement
- Adoption Ordinance
- Copy of the updated CIE Element Exhibits Section proposed for adoption.

# Seminole County ECONOMIC IMPACT STATEMENT

<b>Date:</b>	11/07/05	<b>Dept/Div:</b>	P&D/Planning Division
<b>Contact:</b>	Dick Boyer	<b>Phone Ext:</b>	407-665-7382
<b>Action:</b>	Ordinance amending the Comprehensive Plan		
<b>Topic:</b>	Annual Update to the Capital Improvements Element (CIE)		

## **Describe Project/Proposal**

The County is proposing to amend the Vision 2020 Seminole County Comprehensive Plan by adopting an update to the Exhibits section of the Capital Improvements Element.

The purpose of this amendment is to ensure that the adopted list of capital improvement projects in the Comprehensive Plan accurately matches the County's adopted Fiscal Year budget and five year Capital Improvements Program (CIP).

## **Describe The Direct Economic Impact Of The Project/Proposal Upon The Operation Of The County**

There is no direct economic impact as a result of this amendment. The amendment serves as a summary of previous Board action.

## **Describe The Direct Economic Impact Of The Project/Proposal Upon The Property Owners/Tax Payers/Citizens Who Are Expected To Be Affected**

There is no direct economic impact as a result of this amendment. The amendment serves as a summary of previous Board action.

## **Identify Any Potential Indirect Economic Impacts, Positive Or Negative, Which Might Occur As A Result Of The Adoption Of The Ordinance**

There is no direct economic impact as a result of this amendment. The amendment serves as a summary of previous Board action.

## **Citation**

Seminole County Home Rule Charter.

AN ORDINANCE AMENDING THE VISION 2020 SEMINOLE COUNTY COMPREHENSIVE PLAN; AMENDING THE TEXT OF THE CAPITAL IMPROVEMENTS ELEMENT OF THE COMPREHENSIVE PLAN; PROVIDING FOR LEGISLATIVE FINDINGS; PROVIDING FOR SEVERABILITY; PROVIDING FOR CODIFICATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Board of County Commissioners of Seminole County (hereinafter referred to as the "Board") enacted Ordinance Number 91-13, adopting the 1991 Seminole County Comprehensive Plan, which was subsequently amended in accordance with State law; and

WHEREAS, the Board enacted Ordinance Number 2001-21, which renamed the 1991 Seminole County Comprehensive Plan to the "Vision 2020 Seminole County Comprehensive Plan" (hereinafter referred to as the "Plan"); and

WHEREAS, the amendment of the Capital Improvements Element is exempt from the twice yearly large scale amendment process (Sections 163.3187(1)(f); and

WHEREAS, the Board has followed the procedures set forth in Sections 163.3177, Florida Statutes, stating that "Capital improvements element amendments adopted after the effective date of this act [July 1, 2005] shall require only a single public hearing before the governing board which shall be an adoption hearing as described in s. 163.3184(7). Such amendments are not subject to the requirements of s. 163.3184(3)-(6)."

**WHEREAS,** the Board has substantially complied with the procedures set forth in the Implementation Element of the Plan regarding public participation; and

**WHEREAS,** the Board held a public hearing with all required public notice for the purposes of hearing and considering the recommendations and comments of the general public prior to final action on the Plan amendments set forth herein; and

**WHEREAS,** the Board hereby finds that the Plan, as amended by this ordinance, is internally consistent with and compliant with the provisions of State law including, but not limited to, Part II, Chapter 163, Florida Statutes, and the State Comprehensive Plan, and the Strategic Regional Plan of the East Central Florida Regional Planning Council; and

**WHEREAS,** the Seminole County Home Rule Charter requires that an Economic Impact Statement be prepared to address the potential fiscal impacts and economic costs of each amendment enacted by this Ordinance upon the public and taxpayers of Seminole County and such Economic Impact Statement has been prepared and has been made available for public review and copying prior to the enactment of this Ordinance in accordance with the provisions of the Seminole County Home Rule Charter.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF SEMINOLE COUNTY, FLORIDA:

**Section 1. Legislative Findings.** The above recitals are true and correct in form and include legislative findings which are a material part of this Ordinance.

**Section 2. Text Amendment.** The text of the Plan is hereby amended as set forth in Exhibit A (attached hereto and incorporated herein by this reference) as noted in the following table:

<b>Ordinance Exhibit</b>	<b>Amendment Topic</b>	<b>Amendment Number</b>	<b>Amended Elements</b>	<b>LPA Hearing Date</b>	<b>BCC Hearing Date</b>
A	Annual Capital Improvements Element Update	05EX.TXT01	Capital Improvements	Not required	12/20/05

**Section 4. Severability.**

(a) The enactment of this Ordinance includes one (1) text amendment.

(b) If any provision of this Ordinance or the application thereof to any person or circumstance is held invalid, it is the intent of the Board of County Commissioners that the invalidity shall not affect other provisions or applications of this Ordinance which can be given effect without the invalid provision or application, and to this end the provisions of this Ordinance are declared severable.

**Section 5. Exclusion From County Code/Codification.**

(a) It is the intent of this Board that the provisions of this Ordinance shall not be codified into the Seminole County Code, but that the Code codifier shall have liberal authority to codify this Ordinance as a separate document or as part of or as a volume of the Land Development Code of Seminole County in accordance with prior directions given to the said Code codifier.

(b) The Code codifier is hereby granted broad and liberal authority to codify and edit the provisions of the Seminole County Comprehensive Plan, as amended.

**Section 6. Effective Date.**

(a) A certified copy of this Ordinance shall be provided to the Florida Department of State by the Clerk of the Board of County Commissioners in accordance with State law.

(b) This Ordinance shall take effect upon filing a copy of this Ordinance with the Florida Department of State by the Clerk of the Board of County Commissioners; provided, however, that the effective date of the Plan amendments set forth herein shall be twenty-one (21) days after the Florida Department of Community Affairs' publication of a notice of intent to find the Plan amendments in compliance if no affected party challenges the Plan amendments, or, if an affected party challenges the Plan amendments, when a final order is issued by the Florida

Department of Community Affairs or the Administration Commission determining that the amendments are in compliance in accordance with Section 163.3184, Florida Statutes, whichever occurs earlier. No development orders or development permits, if dependent upon an amendment, may be issued or commence before an amendment has become effective. If a final order of noncompliance is issued by the Administration Commission adopting a resolution affirming its effective status, a copy of which resolution shall be provided to the Florida Department of Community Affairs, Bureau of Local Planning, 2555 Shumard Oak Boulevard, Tallahassee, Florida 32399-2100 by the Clerk of the Board of County Commissioners.

**ENACTED** this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

BOARD OF COUNTY COMMISSIONERS  
SEMINOLE COUNTY, FLORIDA

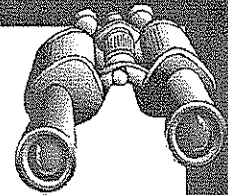
By: \_\_\_\_\_  
Carlton D. Henley, Chairman



# **Exhibit A**

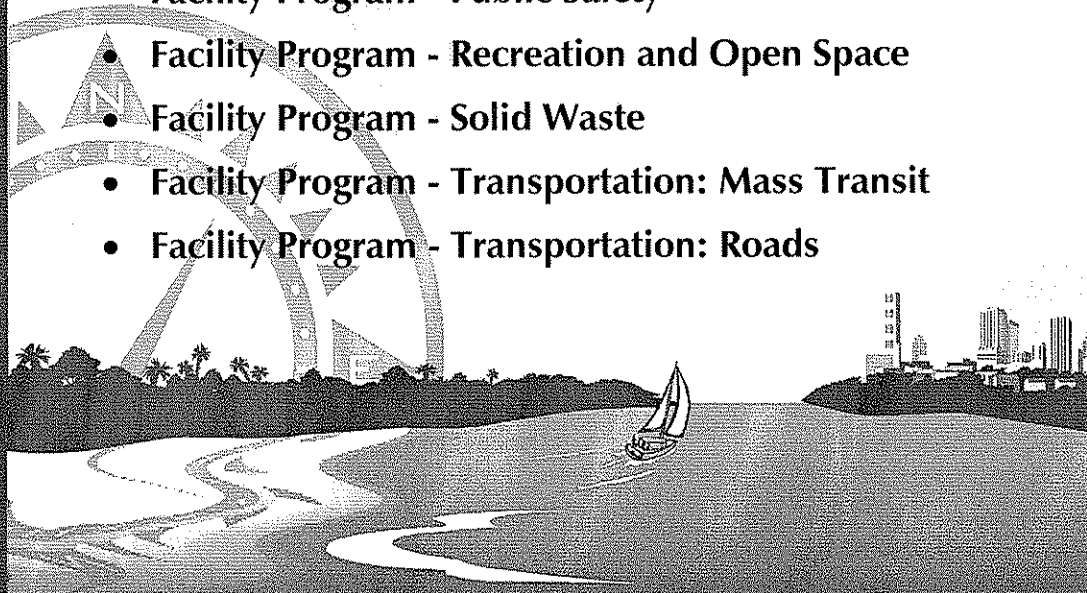
**Capital Improvements Element – Exhibit Section Update**  
(Amends and replaces in full the current Exhibit Section)

**05EX.TXT01**



## EXHIBITS – ANNUAL CIE UPDATE

- Introduction to Annual CIE Update
- Financial Feasibility Statement
- Facility LOS - All Facilities
- Facility LOS - Drainage
- Facility LOS - County Roads
- Facility LOS - State Highways Criteria
- Facility Program - Drainage
- Facility Program - Libraries
- Facility Program - Potable Water/Sanitary Sewer
- Facility Program - Public Safety
- Facility Program - Recreation and Open Space
- Facility Program - Solid Waste
- Facility Program - Transportation: Mass Transit
- Facility Program - Transportation: Roads



# VISION

# 2020





# Vision 2020 Comprehensive Plan Seminole County, Florida

## CAPITAL IMPROVEMENTS ELEMENT Introduction to the Annual CIE Update - 2005/06 to 2009/10

### ANNUAL UPDATE TO THE CAPITAL IMPROVEMENTS ELEMENT

Per Sections 163.3177 F.S., (3)(b)1- "The capital improvements element shall be reviewed on an annual basis and modified as necessary in accordance with s. 163.3187 or s. 163.3189 in order to maintain a financially feasible 5-year schedule of capital improvements." This update amendment covers the five year period of 10/01/2005 through 09/30/2010. The amendment pages entirely replace the previous Exhibits section of the adopted Capital Improvements Element (CIE).

### PURPOSE OF THE CAPITAL IMPROVEMENTS ELEMENT

The primary purpose of the annual update to the CIE is to adopt a five year, financially feasible, schedule of capital improvements for each facility element. These improvements address the expansion of facility capacity to meet projected demands as well as the ongoing maintenance of the County's ability to deliver service at the adopted Level of Service standards. Additionally, the CIE can serve to identify funds dedicated to the achievement of other adopted element policies and program goals. In preparing the document, staff evaluates program and project costs, reviews revenue sources and projections to ensure adequacy to cover the five year period and reviews facility services to ensure maintenance of the adopted Level of Service standards. Following this introduction is a statement attesting to the financial feasibility of the five-year CIE program.

Seminole County's Comprehensive Plan is comprised of the facility elements specified in Rule 9J-5, Florida Administrative Code as well as three optional elements (see list below). The elements are designed to ensure that the County's growth management plan is supported by adequate services and infrastructure in a timely fashion. The CIE provides an assurance of effective facility element implementation by adopting a financially feasible 5-year schedule of improvements for each type of facility, and by measuring whether those improvements are adequate to meet current and projected demands covering the 5-year period. (Note that the Natural Groundwater Aquifer Recharge is addressed in the Conservation and Future Land Use Elements with capital projects being incorporated in the Drainage, Potable Water, Sanitary Sewer or Transportation-Roads capital project programs.)

#### A Required Elements:

- 1 Drainage
- 2 Potable Water
- 3 Recreation & Open Space
- 4 Sanitary Sewer
- 5 Solid Waste
- 6 Transportation

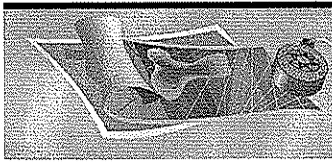
#### Optional Elements:

- 1 Libraries
- 2 Public Safety (Fire/Rescue)

### PREVIOUS COMPLIANCE WITH THE 1998 EVALUATION AND APPRAISAL REPORT

For the 1998 Evaluation and Appraisal Report (EAR), the first eight elements Seminole County Comprehensive Plan (Spring Amendment 01S.TXT1) were adopted by the Board of County Commissioners (BCC) on May 8, 2001, and found in compliance by the Department of Community Affairs, as publicly noticed on June 27, 2001.





# Vision 2020 Comprehensive Plan Seminole County, Florida

The 2001 Spring Amendment, the first of two Vision 2020 amendment submittals, implemented the County's 1998 EAR based amendments.

The 2001 Spring Amendment amended the text portion of the Capital Improvements Element (Introduction, Issues, and Goals, Objectives and Policies) and the Exhibits portion of the Libraries, Recreation and Transportation elements. The Drainage, Potable Water, Public Safety, Sanitary Sewer and Solid Waste element portions were fully updated with the Spring 2002 CIE Update.

## DESCRIPTION OF THE EXHIBIT UPDATE SECTIONS

The update consists of three sections – an Introduction, Facility Level of Service description and a Facility Program description:

### Introduction to the Annual CIE Update

This section sets out the purpose and requirements of the update, describes how the update is presented, and contains a statement of financial feasibility.

### Facility Level of Service Description

This section identifies for each element the facility type, service area and adopted levels of service.

Of note within this section, the adopted level of service (LOS) for the Solid Waste Element as shown in *Exhibit CIE: Facility LOS - All Facilities* has been amended to cover the time period 2001/02 – 2005/06 based on the most current data and analysis which shows that capacity will be adequate beyond the planning horizon of 2020. This LOS will be reviewed and updated in conjunction with the next Evaluation and Appraisal Report (EAR) based amendments. The next EAR is due on September 1, 2006.

### Facility Program Description - consisting of three parts to each element:

- A The "Summary of Policies, Programs and Capital Improvements with Cost Impacts" is a program description summarizing the overall capital program of the facility and identifies funding sources and any special issues faced by the facility. **Note:** The former Trails section of the Transportation Facility Program has been moved to and incorporated into the Recreation and Open Space Facility Program.
- B The "Capacity/Improvements Summary" reports existing and projected capacity and service demand figures based on the most recently adopted socioeconomic data series. This provides a check on whether any facility deficiencies are projected within the five year planning period.
- C The "Five Year Capital Schedule of Improvements" shows each major capital project and the dollars allotted to its implementation over the five year planning period. During the annual CIE amendment process, capital project schedules and funding sources are subject to continuing adjustment to reflect management and funding strategies developed in conjunction with preparation and adoption of each Annual Budget. Once the budget is adopted (September of each year), rebudgets of projects appropriated in the prior fiscal year are incorporated for the final adoption hearing of the CIE Update. By this means, the first year of the CIE is always consistent with the adopted annual budget for that year.

## SUPPORT DOCUMENT UPDATE

CIE Element support material provided in support of this amendment contains the socioeconomic data used in evaluating each facility's projected service demand.

(Revised: Amendment 05EX.TXT01; Ordinance 2005-XX, 12/20/2005)





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Financial Feasibility Statement

In 2005, the Florida Legislature amended Section 163.3164 (32), Florida Statutes (i.e., Senate Bill 360) to include a definition of "financial feasibility". The definition requires that sufficient revenues are currently available or will be available to fund the projected costs of the capital improvements identified in County's five year Capital Improvements Element and ensure that adopted level-of-service standards are achieved. A demonstration of the County's financial feasibility is provided by the list of current available revenues below and the financial tables following this page.

Seminole County has sufficient revenues required to fund its Capital Improvement Element Projects for fiscal years FY 2005/06 – FY 2009/10 as follows:

### **FY 2005/06 – FY 2007/08 Schedule of Projects**

The County has sufficient revenues that are currently available or that will be available from committed funding sources. Committed revenues include:

- Ad Valorem and other general revenues
- Impact Fees/Utility Connection Fees
- Users Rates and Charges
- Infrastructure Sales Tax
- Locally Imposed Gas taxes
- Bond Proceeds

### **FY 2008/09 – FY 2009/10 Schedule of Projects**

The County has sufficient revenues that are currently available or that will be available from committed or planned funding sources. Committed and planned revenues include:

- Ad Valorem and other general revenue
- Impact Fees/Utility Connection Fees
- Users Rates and Charges
- Infrastructure Sales Tax
- Locally Imposed Gas taxes
- Bond Proceeds

*(NOTE: As of 12/12/2005, staff is preparing the financial tables demonstrating consistency with the new statutory requirement. The tables will be provided to Board members prior to the 12/20 hearing date.)*





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Financial Feasibility Tables

*(To be provided prior to the 12/20 hearing date.)*





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Facility LOS - All Facilities

<b>Plan Element</b>	<b>Facility Type</b>	<b>Service Area</b>	<b>Adopted Level of Service</b>
<b>Drainage</b>	Drainage Structures	By Basin, Countywide	see Exhibit CIE: Facility LOS - Drainage
	Water Quality		see Exhibit CIE: Facility LOS - Drainage
<b>Library Services</b>	Library System Collection	Countywide (less Alt. Springs)	1.0 Book/Capita
<b>Potable Water</b>	County Water Treatment Plants	Service to portions of the unincorporated area and cities	350 Gallons/Day ERC
<b>Public Safety</b>	Fire/Rescue Units	Unincorporated Area	5 Minute Countywide Average Response Time
<b>Recreation and Open Space</b>	Urban Community Parks - Land and Facilities	Countywide	3.6 total acres/1,000 population
			1.8 developed acres/1,000 population
<b>Sanitary Sewer</b>	County Wastewater Treatment Plants	Service to portions of the unincorporated area and cities	300 Gallons/Day/ERC
<b>Solid Waste</b>	County Landfill	Countywide 2001/02-2005/06	Dwelling Unit - 4.2 lbs/day Employee - 4.7 lbs/day
	County Transfer Station	Countywide 2001/02-2005/06	Dwelling Unit - 4.4 lbs/day Employee - 4.9 lbs/day
<b>Transportation</b>	County Arterial and Collector Roads 2-lane, 4-lane, 6-lane	Vary by Character Area: Rural, Mixed Use Centers, Development Corridors and Neighborhoods	Daily/Peak Hour  Per Transportation Element Policies for facilities impacted by Mixed Use Center traffic and facilities in Special Transportation Areas, facilities parallel to exclusive transit or toll facilities, physically or policy constrained facilities, backlogged facilities and other facilities. Per Transportation Element (FIHS per FDOT LOS Criteria Tables)
		State Roads	County -wide
	Mass Transit System	Transit Service Area	1.03 revenue miles/capita translating the annual revenue miles standards as: 1.5219/Single-Family dwelling units 1.1255/Multi-Family dwelling units 1.3162/Hotel-Motel room 3.1164/Retail employee 0.4266/ Non-Retail employee







# Vision 2020 Comprehensive Plan Seminole County, Florida

## Facility LOS - Drainage

### Level of Service Standards for New Development

<u>Facility</u>	<u>Design Storm</u>
Retention/Detention Basins (with positive outfall) - Sites and Subdivisions	25 Year, 24 Hour
Retention /Detention Basins (Landlocked with no positive outfall)	100 Year, 24 Hour (Total Retention)
Retention/Detention Basins - Adjacent to a public right-of-way with no positive outfall	25 Year, 24 Hour (Total Retention)
Closed Drainage System (Internal to Development)	10 Year, 3 hour
Roadside Swales	10 Year, 3 hour
Arterial and Collector Streets	10 Year, Hydraulic Gradient Line - 1.0 feet below gutter line
Local Streets	10 Year, Hydraulic Gradient Line - 0.5 feet below gutter line
Canals	25 Years
Bridges - The design frequency may be increased if found necessary by the Manager of the Development Review Division to protect upstream or downstream properties.	100 Years

Note: See the Drainage Element for additional policies relating to standards and new development.







# Vision 2020 Comprehensive Plan Seminole County, Florida

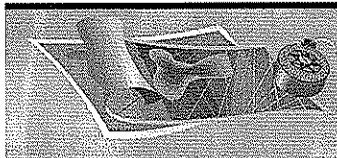
## Facility LOS – Seminole County Roads

### Arterials and Collectors Generalized Maximum Service Volumes Interim (5-Year) Planning Application

LOS Level	Lanes		
	2	4	6
A	13,640		
B	14,620	19,152	
C	15,530	25,537	
D (1)	17,800	32,320	48,520
E (2)	19,360	42,560	63,840
RURAL D	15,000	38,000	57,000

- (1) For Facilities Outside of Urban Center Traffic Impact Areas.
- (2) For Facilities Inside of Urban Center Traffic Impact Areas.





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Facility LOS - State Highways Criteria

### Rural Areas and Areas Less Than 5,000 Population

LOS	Freeways	Multi-Lane Arterials	Two-Lane Highways		Interrupted Arterials
	(measure)	(v/c)	55 mph (v/c)	45 mph (v/c)	(average travel speed)
LOS A	≤0.35	≤0.30	≤0.12	≤0.09	≤42 mph
LOS B	≤0.54	≤0.54	≤0.24	≤0.21	≤34 mph
LOS C	≤0.77	≤0.71	≤0.39	≤0.36	≤27 mph
LOS D	≤0.93	≤0.87	≤0.62	≤0.60	≤21 mph
LOS E	≤1.00	≤1.00	≤1.00	≤1.00	≤16 mph
LOS F	>1.00	>1.00	>1.00	>1.00	>16 mph

### Urbanized Areas, Transitioning Areas, and Areas over 5,000 Population

LOS	Freeways	Uninterrupted Multi-Lane	Two-Lane Arterials		
			Class		
			I	II	III
(measure)	(v/c)	(v/c)	(average travel speed)		
LOS A	≤0.35	N/A	≤35 mph	≤30 mph	≤25 mph
LOS B	≤0.54	≤0.45	≤28 mph	≤24 mph	≤19 mph
LOS C	≤0.77	≤0.60	≤22 mph	≤18 mph	≤13 mph
LOS D	≤0.93	≤0.76	≤17 mph	≤14 mph	≤9 mph
LOS E	≤1.00	≤1.00	≤13 mph	≤10 mph	≤7 mph
LOS F	>1.00	>1.00	>13 mph	>10 mph	>7 mph

Source: Information is extracted from both the 1995 and 1998 LOS Handbook Manuals.





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Facility Program – Drainage

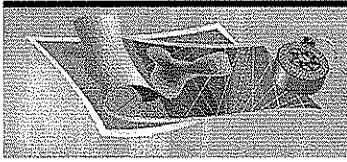
### Summary of Policies, Programs and Capital Improvements with Cost Impacts Drainage

Scheduled Program and Cost Impacts for 10/1/2005 - 9/30/2010	
<b>FY 2005/06 – 2009/10</b> - TMDL Implementation - Primar and Secondary Drainage Facility Improvements - Conveyance System - Subidvisioin Rehabilitations	
<b>Total 5 Year Cost</b>	<b>\$25,203,557</b>

Potential Additional Cost Impacts During/Beyond Five Year Planning Period
<ul style="list-style-type: none"> <li>· Implementation of water quality programs and deficiency corrections based on current NPDES permit.</li> <li>· Future needed right-of-way acquisitions for primary conveyance systems</li> <li>· Funding of the Total Maximum Daily Load (TMDL) program for Seminole County beginning FY2005/06 for NPDES Permit compliance in L. Jesup Basin.</li> </ul>

**Available Funding Options** - Major revenue sources available to the Board of County Commissioners (either existing or available without voter approval) to fund all or portions of the Drainage Capital Improvement Element Update are: General fund, Transportation Trust fund, Local Option Infrastructure Sales Tax fund (if major road system related), Stormwater assessment. The revenue capacities associated with each of the above major revenues provide sufficient funding to enable full implementation of the five year schedule of improvements identified as part of the CIE Update. In addition, federal/state funding and other public/private partnership funding will continue to be aggressively pursued.





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Capacity/Improvements Summary

### Stormwater Program

The information below presents an overview of the Stormwater Program which provides for continuing basin evaluations, capital improvements, initiation of water quality studies, and compliance with State and Federal regulations.

The following list of specific basin evaluations, studies, improvement projects, and equipment details the five year capital projects Stormwater Program adopted in the Capital Improvements Element. One of the primary goals of this program is to reduce system drainage deficiencies over time consistent with funding levels. Level of service standards for Stormwater, adopted for various types of road and development facilities, are designed to insure that no further deficiencies are created with new development. These standards can be found in Exhibit CIE: Facility LOS - Drainage.





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Five Year Capital Schedule of Improvements

Project #	Drainage Project Title	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
00008302	Stwtr Sweetwater Cove Tributa	138,416	-	-	-	-
00009202	LITTLE ECON/CRANE STRAND/JPP	780,834	-	-	-	-
00095503	International Dump Truck	82,000	-	-	-	-
00095505	International Dump Truck	-	82,000	-	-	-
00095507	Multi Terrain Loader System	70,000	-	-	-	-
00095508	Mini Track Excavator System	-	56,000	-	-	-
00174503	Stwtr -sr 434 Sedimentation Basi	403,455	-	-	-	-
00192701	Navy Canal Regional Stmwtr Fac	995,093	-	-	-	-
00192702	Cameron Ditch Retrofit	1,059,315	-	-	-	-
00202402	Lockhart/smith Canal Conveyanc	945,946	-	-	-	-
00202404	Six Mile Canal Phase I	-	150,000	250,000	180,000	-
00202405	Lightwood Knot Canal - Phase 1	-	-	-	70,000	250,000
00202406	Lockhart Smith Phase II	-	-	-	100,000	-
00203002	Stwtr Monroe Basin Deficiency	2,356,833	-	-	-	-
00206904	Stwtr Sr 426 At Aloma Woods Su	-	-	120,000	-	-
00209102	Anchor Road Design	600,000	-	-	-	-
00209103	Lake Howell Road/design	-	370,000	-	-	-
00209104	Snowhill Road	240,000	-	-	-	-
00209105	Curryville Road	240,000	-	-	-	-
00209106	Wekiva Park Drive	450,000	-	-	-	-
00209108	Lincoln Heights - Minor Projects	130,000	200,000	500,000	500,000	-
00209109	Mullet Lake Park - Minor Projects	300,000	400,000	-	-	-
00209110	West Crystal Dr.	-	-	-	150,000	250,000
00209111	Michigan Ave.	-	-	-	-	150,000
00209112	Rd. Related Projects Minor Proj. Cont.	-	-	100,000	100,000	100,000
00209113	Red Bug Lake Dr. East Of Sr 436 - Minor Road Related Project	150,000	200,000	500,000	-	-
00209114	Red Bug Lake Rd. @ Howell Creek	-	-	100,000	200,000	-
00220402	Stwtr Ysi Buoy - Water Quality	25,000	-	-	-	-
00220901	Stwtr Dump Truck	62,001	-	-	-	-
00221101	Stwtr International Crewcab Du	64,232	-	-	-	-
00221201	Kaiser Spyder Excavator	219,976	-	-	-	-
00228301	Stwtr Yankee Lk Basin Eval	150,023	-	-	-	-
00229102	Stwtr Center Drive	56,638	-	-	-	-
00229104	Alexander Ave	152,696	-	-	-	-
00229106	Paradise Point Subdivision	210,171	-	-	-	-
00229109	Pearl Lk/prairie Lk Outfall	216,500	-	-	-	-
00229110	Line Drive @ Sr 426	153,042	-	-	-	-
00229111	First St/chuluota	-	200,000	-	-	-
00229114	East Settler Loop	-	-	120,000	-	-
00229115	Sr426 At Aloma Woods	-	-	246,500	-	-
00233604	Sweetwater Cove (nracs)	35,000	-	-	-	-
00234502	Markham Wds Rd & Drainage Impr	846,486	-	-	-	-
00241501	Preliminary Engineering -middle Basin	-	-	-	-	130,000
00241601	Naval Canal Mitigation	45,900	-	-	-	-
00241701	JPP - IFAS	400,000	-	-	-	-
00241801	IFAS (match) Demolition	250,000	-	-	-	-
00241901	Little Econ River (match To JPP)	200,000	-	-	-	-
00242001	Preliminary Engineering-Big Econ Basin - Capital Projects	-	-	-	200,000	-
00242301	Beary Gully Drainage	-	130,000	300,000	400,000	250,000





# Vision 2020 Comprehensive Plan Seminole County, Florida

Project #	Drainage Project Title	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
00243001	Myrtle Lake Hills Drainage Improvements	-	76,500	200,000	-	-
00246201	Washington Heights Erosion Control	-	50,000	-	200,000	-
00250501	N Maryland and Michigan Drainage Imp	-	-	-	146,500	446,500
00255501	Subdivision Retrofit	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Total Drainage		13,029,557	2,914,500	3,436,500	3,246,500	2,576,500





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Facility Program - Libraries

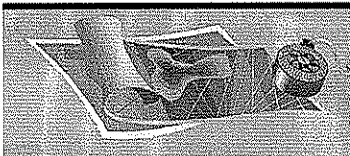
### Summary of Policies, Programs and Capital Improvements with Cost Impacts Libraries

Scheduled Program and Cost Impacts for 10/1/2005 - 9/30/20010	
Funding to continue to maintain collection size of 500,000 volumes +/- 10%. Includes books, annuals, periodicals and collection maintenance as needed, taking into account the changing electronic formats in which these items are produced. Cost impact encompasses updates to reference collection, customer requests and replacement of lost/stolen titles.	
<b>Total 5 Year Cost</b>	<b>4,393,175</b>

Potential Additional Cost Impacts During/Beyond Five Year Planning Period
In 1998, the BCC approved a phased budgetary plan to increase the number of books from 1.0 to 1.5 books per capita (excluding the population of Altamonte Springs which has its own library). This figure was reached in 2002 with the attainment of approximately 500,000 volumes. Due to insufficient space in the existing library buildings to hold additional volumes, the rate of 1.5 will decrease yearly as the county population increases. The rate of vols/capita would further decrease if the population of Altamonte Springs (36,390 cardholders) were added to the system as recommended by a consultant prepared Strategic Plan for the library done in 2000. The rate is not projected to drop below the Comprehensive Plan adopted level of service of 1.0 vols/capita within the long range planning period. In November of 2005 a public opinion survey regarding current library services and library space needs was conducted. Results are expected in December 2005.

**Available Funding Options** – Major revenue sources available to the Board of County Commissioners (either existing or available without voter approval) to fund all or portions of the Libraries Capital Improvement Element (CIE) Update are: General fund, Library Impact Fee fund, Library Contributions/Donations fund. The revenue capacities associated with each of the above major revenues provide sufficient funding to enable full implementation of the five year schedule of improvements identified as part of the CIE Update.





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Capacity/Improvements Summary

### Libraries

Year	Collection Volumes *
<b><u>CURRENT</u></b>	
Available - 10/1/03	527,750
Demand *	<u>362,908</u>
Surplus (Deficiency)	164,842
<b><u>SCHEDULED FIVE YEAR IMPROVEMENTS</u></b>	
Volumes **	0
<b><u>FIFTH YEAR</u></b>	
2009 Total Available	527,750
Demand *	<u>410,235</u>
Surplus (Deficiency)	117,515
<b><u>FUTURE</u></b>	
2020 Needed*	445,516

\* Based on maintaining adopted standard of 1.0 book/capita for countywide library service population excluding Altamonte Springs which maintains a municipal library.

\*\* Expansion of collection dependent upon expansion of space available.







# Vision 2020 Comprehensive Plan Seminole County, Florida

## Five Year Capital Schedule of Improvements

Project #	Library Project Title	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
00025001	Library Collection Replacemen	867,475	758,075	758,075	758,075	758,075
00029801	Library Book Donations	26,500	13,000	10,000	-	-
00060301	Library Collection New Volume	122,400	121,500	200,000	-	-
Total Library Services		1,016,375	892,575	968,075	758,075	758,075





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Facility Program - Potable Water/Sanitary Sewer

### Summary of Policies, Programs and Capital Improvements with Cost Impacts Potable Water and Sanitary Sewer

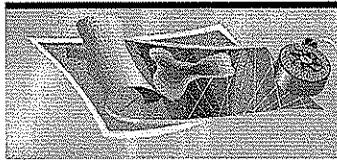
Scheduled Program and Cost Impacts for 10/1/2005 - 9/30/2010	
Among the projects scheduled for Environmental Services is expansion of the Yankee Lake Water Reclamation Facility to 5.0 million gallons a day (MGD) and expansion of the reclaimed system to include residential service in the Northwest area. Renewal requests for the NE and SE service area CUPs have been submitted and a consolidated CUP for all County service areas is under review by the SJRWMD. Projected shortfalls in water allocation for 2010 are expected to be addressed during the CUP allocation process and Water Supply Facilities Plan implementation in conjunction with the Regional Water Supply Plan.	
<b>Total 5 Year Water Cost</b>	<b>\$29,019,317</b>
<b>Total 5 Year Sewer Cost</b>	<b>\$54,478,806</b>
<b>Grand 5 Year Cost</b>	<b>\$83,498,123</b>

Potential Additional Cost Impacts During/Beyond The Five Year Planning Period
The required levels of treatment for sewer and water and programs needed to implement the treatment may change as the EPA continues research resulting in legislative amendments. Implementation of Master Plan recommendations has been initiated with the addition of several plant and distribution improvements. Due to possible acquisition (as of 6/6/04) of Florida Water Service service areas, additional capital projects may be identified and placed in the CIE.

<b>Available Funding Options</b> - Major revenue sources available to the Board of County Commissioners (either existing or available without voter approval) to fund all or portions of the Potable Water Capital Improvement Element Update are: General fund, Water and Sewer Enterprise fund, Water Connection Fee fund, Water and Sewer 21M Bond Proceeds, Development Review Fund. The revenue capacities associated with each of the above major revenues provide sufficient funding to enable full implementation of the five year schedule of improvements identified as part of the CIE Update.
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<b>Water Supply Facilities Work Plan - Status Update</b> New 2004 legislation requires this Plan to be adopted by 12/01/2006. The County has prepared a preliminary Plan which will be updated to give full consideration to the SJRWMD's Regional Water Supply Plan due mid-2005. At that point, a revised Plan will be brought forward through the large scale amendment process. At this time, the main components of the Plan will revolve around the following four basic programs: <ol style="list-style-type: none"> <li>i. Development and optimization of groundwater supplies</li> <li>ii. Water conservation program including conservation rate structure</li> <li>iii. Expansion of reclaimed water systems</li> <li>iv. Evaluation of alternative water sources</li> </ol>
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# Vision 2020 Comprehensive Plan Seminole County, Florida

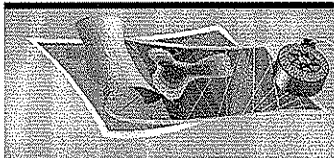
## Capacity/Improvements Summary

### Potable Water

Water Service Areas (mgd)	2004			
	Design Capacity (ADF) (1)	Permit SJRWMD Alloc (2)	Current Demand (ADF)	Permit Surplus/Deficit
N West (4)	8.196	6.110	5.130	0.980
N East (4)(5)	4.031	3.020	2.197	0.823
S East (6)	13.080	9.150	8.253	0.897
S West	2.560	1.550	1.390	0.160
<b>TOTALS</b>	27.867	19.830	16.970	
Blk Hmk (7)	0.175	NA	1.030	(0.855)
Water Service Areas (mgd)	2010			
	Design Capacity (ADF) (1)	Permit SJRWMD Alloc (2)	Projected Demand (3)	Permit Surplus/Deficit
N West (4)	11.258	8.230	9.090	(0.860)
N East (4)(5)	5.111	3.020	3.110	(0.090)
S East (6)	13.080	9.150	11.530	(2.380)
S West	2.560	1.480	1.380	0.100
<b>TOTALS</b>	32.009	21.880	25.110	
Blk Hmk (7)	0.175	NA	0.129	0.046
Water Service Areas (mgd)	2015			
	Design Capacity (ADF) (1)	Permit SJRWMD Alloc (2)	Projected Demand (3)	Permit Surplus/Deficit
N West (4)	11.258	8.230	10.900	(2.670)
N East (4)(5)	5.111	3.020	3.450	(0.430)
S East (6)	13.080	9.150	13.180	(4.030)
S West	2.560	1.480	1.440	0.040
<b>TOTALS</b>	32.009	21.880	28.970	
Blk Hmk (7)	0.175	NA	0.140	0.035
Water Service Areas (mgd)	2020			
	Design Capacity (ADF) (1)	Permit SJRWMD Alloc (2)	Projected Demand (3)	Permit Surplus/Deficit
N West (4)	11.258	8.230	11.240	(3.010)
N East (4)(5)	5.111	3.020	3.590	(0.570)
S East (6)	13.080	9.150	13.595	(4.445)
S West	2.560	1.480	1.440	0.040
<b>TOTALS</b>	32.009	21.880	29.865	
Blk Hmk (7)	0.175	NA	0.151	0.024

**NOTE:** The "Potable Water Notes" on following page are an integral part of this table. Check with the Seminole County Environmental Services Department for the most current figures.





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Potable Water Notes

- 1 Physical plant permitted average day capacity.
  - 2 Daily average pumping amount based on SJRWMD CUP permit allocation for the individual year and service area.
  - 3 Projected demand is based historical flow information. Amounts have not been reduced due to reflect effects of proposed conservation or reclaimed water useage to offset use of potable for irrigation.
  - 4 The Northwest and Northeast service areas are interconnected.
  - 5 SJRWMD Northeast CUP expired November 30, 2003. Renewal application submitted to District. Previous allocation shown.
  - 6 SJRWMD Southeast CUP expired December 31, 2003. Renewal application submitted to District. Previous allocation shown.
  - 7 The Black Hammock Service Area is served through a wholesale contract with the City of Oviedo.
- Note 1: Projected deficits are based on existing facility capacity and current conservation efforts.
- Note 2: Six small, built-out private water facilities were absorbed mid-2004. These will be incorporated into the capacity/demand calculations beginning with the 2007 CIE.

## Sanitary Sewer

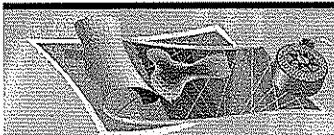
Sewer Service Areas (mgd)	2004			2010			2020
	Permit Capac (1)	Current Demand (ADF)	Surplus/ (Deficit)	Permit Capac (1) (4)	Projected Demand (2)	Surplus/ (Deficit)	Projected Demand (ADF)
NW/NE (3)	6.000	3.695	2.305	9.000	5.106	3.894	6.390
S East	8.506	5.592	2.914	8.506	6.816	1.690	7.709
S West	0.855	0.560	0.295	0.855	0.640	0.215	0.748
<b>TOTALS</b>	15.361	9.847		18.361	12.562		14.847

- 1 Design and permitted capacity.
- 2 Projected demand is based on the level of service standard of 300 gal/day/unit.
- 3 Northwest and Northeast service areas are interconnected.
- 4 Based on approval of submitted request for re-rating of Yankee Lake and Greenwood Lakes treatment plants.

Source: Seminole County Environmental Services (11/2005)

(potwater sansewer.xls)





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Five Year Capital Schedule of Improvements

Project #	Potable Water Project Title	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
00021701	Ws Oversizing/extensions	650,000	650,000	750,000	750,000	750,000
00056601	Water System Rehabilitations	200,000	200,000	200,000	200,000	200,000
00063701	Dodd Road Utility Relocation	270,383	-	-	-	-
00064501	Ws N/w Water Distribution Impr	250,000	250,000	250,000	250,000	250,000
00064605	Ws S/w Dist-cub Lake/eden Park	82,133	-	-	-	-
00064606	East Lake Drive Water Main Ext	428,732	-	-	-	-
00064702	Ws Lockwood Red Water Installa	555,518	-	-	-	-
00065101	Ws Lake Emma Road Utility Relo	801,498	-	-	-	-
00065201	Ws Utility Relocations For Min	500,000	500,000	500,000	500,000	500,000
00067201	Ws Upsala Road Untility Reloca	77,863	-	-	-	-
00115701	Pw Chemical Feed Systems Rehab	50,000	50,000	50,000	50,000	50,000
00164301	Ws/alternative Water Supply Preliminary - Design	150,000	150,000	-	-	-
00168801	Ws Consumers Wtp Transmission	167,107	-	-	-	360,000
00178101	Bunnel Road Water Main Relocat	134,357	-	-	-	-
00178301	Country Club Well #3	-	-	-	555,785	-
00183101	Ws/road Projects/1st Ave Balmy Beach	-	-	150,000	-	-
00193101	Ws/markham Woods Rd Wtr Main E	150,000	-	-	-	-
00193201	Ws/fire Flow Improvements	150,000	50,000	50,000	-	-
00193301	Lake Monroe Wtp Rehabilitation	200,000	-	-	-	-
00193401	Ws/s.r. 436 Water Main Loop	-	-	-	-	53,000
00193501	Ws/heathrow Elem Wtr Main Ext	100,000	-	-	-	-
00193601	Ws/bear Lake Woods Water Main Interconnect	-	-	75,000	-	-
00193701	Ws/greenwood Blvd Water Main U	-	-	-	-	80,000
00193801	Ws/lake Hayes Water Transmission Main Connect	-	-	-	-	70,000
00194701	Ws/water Quality Telemetry	-	150,000	600,000	-	-
00195401	Ws/country Club Water Treatment Plant Improvm	-	-	-	300,000	1,200,000
00195701	Ws/disinfection Byproducts	1,061,564	-	-	-	-
00200401	Aquifer Storage And Recovery S	188,000	-	-	-	-
00200501	Emergency Power At Critical We	-	-	200,000	350,000	-
00201101	Cup Consolidation - Permitting	500,000	-	-	-	-
00201501	Hydrogeological And Well Drill	200,000	200,000	200,000	200,000	200,000
00203101	Security Improvements	250,000	100,000	100,000	100,000	100,000
00206502	Fern Park Utilities	250,000	-	-	-	-
00207801	Orange Blvd W/m	25,567	-	-	-	-
00212801	Ws/country Club/greenwood Lakes High Service	-	-	300,000	-	-
00212901	Ws/lynnwood Area Pipe Replacement	-	-	280,000	-	-
00214301	Ws/southwest Service Area New Water Mains	-	-	-	-	107,200
00214401	Ws/southeast Regional To Lake Hayes Water Tre	-	-	384,000	-	-
00214501	Ws/walker Road New Water Main	-	-	-	-	17,840
00214601	Winnebago-wilshire Blvd Wtr Ma	12,720	-	-	-	-
00214701	Ws/rising Sun Water Main Upgrade	-	-	-	-	75,000
00214801	Ws/dodd Raod Water Main Phase Ii	-	-	-	-	230,000
00214901	Ws/grand Road Upgrade Pipes	-	-	-	-	150,000
00216501	Ws/elder Road/ Orange Boulevard Pipe Replacem	-	-	-	-	138,374
00216601	Markham Water Treatment Plant	721,785	-	-	-	-
00216701	Markham Wtr Treatment Plt	1,112,998	-	-	-	-
00216801	Ws/elder Road New Water Main	-	-	-	-	43,400
00216901	Ws/northwest Service Area South Loop New Wate	-	-	-	-	90,000
00217701	Ws/orange Boulevard Replacement And - Upgrades	390,000	1,600,000	-	-	-
00230702	Parimeter Fencing	300,000	-	-	-	-
00249801	Ws/cra Fern Park Utilities	1,000,000	-	-	-	-
00250201	Ws/potable Water Meter Replacement And - Program	50,000	50,000	50,000	50,000	50,000





# Vision 2020 Comprehensive Plan Seminole County, Florida

Project #	Potable Water Project Title	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
00253801	Ws/greenwood Lakes Potable Booster Station	-	-	1,434,589	-	-
00254201	Fdot I-4 At 17-92 Ramp B-1	200,000	-	-	-	-
Total Potable Water		11,180,225	3,950,000	5,573,589	3,305,785	5,009,718





# Vision 2020 Comprehensive Plan Seminole County, Florida

Project #	Sanitary Sewer Project Title	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
00021703	Ws Oversizing/extensions	500,000	500,000	500,000	500,000	500,000
00024801	Ws/sewer Telemetry And Scada Systems	200,000	50,000	50,000	50,000	50,000
00024805	Ws Radio Scada System Expansio	200,000	50,000	50,000	50,000	50,000
00052801	Ws Surge Suppression Protectio	-	-	50,000	-	-
00064801	Ws N/w Service Area Maintenanc	1,779,026	-	-	-	-
00082904	Ws S/c Collection-lift Station	200,000	200,000	200,000	200,000	200,000
00083101	Ws S/w Collection System Impro	50,000	50,000	50,000	50,000	50,000
00100502	Ws 46a Reclaimed Water Line/l	194,066	-	-	-	-
00137301	Aloma/dean Rd Sewer Rplcmt	126,458	-	-	-	-
00164501	Ws Eastern Reclaimed Water Dis	5,131,450	-	-	-	-
00164601	Ws Seminole County/city Of Ovi	947,166	-	-	-	-
00178201	Markham Woods Reclaimed Water	3,106,728	-	-	-	-
00181201	Reclaimed Discharge Main From	1,191,040	-	-	-	-
00182301	Ws/markham Woods Rd Reclaimed	985,543	-	-	-	-
00182801	Sr426-sr343 Master Lift Sta	745,200	-	-	-	-
00182901	Greenwood Lakes Ground Storage	1,312,725	-	-	-	-
00194501	Ws/yankee Lake Water Reclaim Facility Chlorin	-	-	-	84,000	336,000
00194901	Sand Lake Rd Force Main Reloca	284,432	-	-	-	-
00195201	Nw Area Regional Wstwtr	2,983,938	1,600,000	-	-	-
00195301	Reclaim Wtr Sys Improve	-	500,000	500,000	500,000	500,000
00199701	Nw Fuel Storage Tnk Replace	-	-	150,000	-	-
00199901	Gwl Wwtf Sludge	619,035	-	-	-	-
00200901	Aaa Drive To Interntl Pkwy Sew	200,000	-	-	-	-
00201201	Emergency Power At Critical Li	348,311	300,000	300,000	300,000	300,000
00217101	Ws/heathrow Boulevard Reclaim Main	345,000	1,380,000	-	-	-
00217201	Ws/reclaim Retrofit Phase Ii	760,000	3,040,000	-	-	-
00217301	Reclaim Retrofits Phase I	3,547,953	-	-	-	-
00217401	Ws/longwood Markham Road Utility Improvements	-	-	-	329,940	-
00217801	Ws/reclaimed Water Storage And Repump - Facility	-	340,000	1,360,000	-	-
00218001	Ws/sylvan Lake/lake Markham Road New - Force Main	-	110,000	450,000	-	-
00218201	Markham Wds/lk Markham Road Ne	222,000	-	-	-	-
00218301	Orange Boulevard Loop	-	-	122,000	488,000	-
00219701	Ws/sr 46 Force Main Extensions	-	-	397,434	1,589,735	-
00223001	Ws/reclaim Retrofits Phase Ii	-	432,000	1,728,000	-	-
00223101	Ws/reclaim Retrofit Phase Iv	-	-	263,000	1,052,000	-
00223201	Ws/reclaim Retrofit Phase V	-	-	-	300,600	1,202,400
00227401	Ws/greenwood Lakes Wwtf Improvements And Rera	-	-	492,000	2,643,000	-
00243301	Ws/greenwood Lakes Rib Refurbishments	-	-	50,000	200,000	-
00243901	Generatoar Replacements And Additions	291,500	337,000	-	-	-
00247901	Ws/orange Boulevard Reclaim Main	84,600	338,400	-	-	-
00253701	Ws/lifstation Odor Control Units	-	-	100,000	100,000	100,000
00255001	Greenwood Lakes WWTP Monitor	290,126	-	-	-	-
00273301	Elder Street Force Main	-	-	-	-	67,000
<b>Total Sanitary Sewer</b>		<b>26,646,297</b>	<b>9,227,400</b>	<b>6,812,434</b>	<b>8,437,275</b>	<b>3,355,400</b>







# Vision 2020 Comprehensive Plan Seminole County, Florida

## Facility Program - Public Safety

### Summary of Policies, Programs and Capital Improvements with Cost Impacts Public Safety

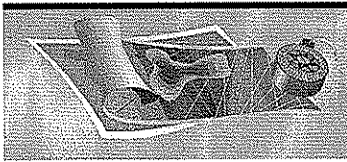
Scheduled Program and Cost Impacts for 10/1/2005 - 09/30/2010	
<ul style="list-style-type: none"><li>• Scheduled program and cost impacts include apparatus replacement, facility renovations, land purchase, station construction and purchase of an emergency training center. Apparatus replacement is conducted within fleet recommendations.</li><li>• Facility renovations are to meet ADA compliance. Station construction costs are identified based on population growth, development and required response times.</li><li>• The adopted five minute average response time level of service is expected to be met during the budget year and following years with the introduction of additional traffic pre-emption devices. Additionally, stations and response zone evaluations are constantly under review to maintain the service level.</li></ul>	
<b>Total 5 Year Cost</b>	<b>\$23,789,477</b>

Potential Additional Cost Impacts During/Beyond Five Year Planning Period
<ul style="list-style-type: none"><li>• The need for additional capital facilities such as engines, squads, rescues, stations and their associated costs to maintain an average response time of 5 minutes will be evaluated yearly in conjunction with other technologies and service provision strategies such as vehicle and/or station relocation and shared service areas.</li><li>• The National Fire Protection Association Standard 1710 has recently introduced new guidelines for fire departments. This is a voluntary standard for compliance, but may prove to have costing elements beneficial to providing service.</li><li>• Continued fire service mergers could present cost impacts. Though each merger would be entered into with the intent to save in overall cost, unforecasted costs could emerge.</li><li>• An emergency training site has been purchased and a multi-year implementation/development plan is underway.</li><li>• Continued high fuel costs would significantly impact future budgets.</li><li>• Potential unfunded mandates re: Water Management District intervention and training costs.</li><li>• If homestead allowance increase is passed, impact on service revenue would be significant.</li></ul>

**Available Funding Options** - Major revenue sources available to the Board of County Commissioners (either existing or available without voter approval) to fund all or portions of the Public Safety Capital Improvement Element Update are: General fund, Transportation Trust fund, Fire Protection fund, EMS Trust fund, Fire/Rescue Impact Fee fund. The revenue capacities associated with each of the above major revenues provide sufficient funding to enable full implementation of the five year schedule of improvements identified as part of the CIE Update.







# Vision 2020 Comprehensive Plan Seminole County, Florida

## Capacity/Improvements Summary

### Public Safety

Year	County Response Units*
<b><u>CURRENT</u></b>	
Available - 2005	32
Demand**	<u>37</u>
Surplus (Deficiency)	-5
<b><u>SCHEDULED FIVE YEAR IMPROVEMENTS</u></b>	
New units ***	6
<b><u>FIFTH YEAR</u></b>	
2010 Available	38
Demand	<u>43</u>
Surplus (Deficiency)	-5
<b><u>FUTURE</u></b>	
2020 Needed	48

\* Response units include staffed engines, rescue, squad and tower vehicles

\*\* Demand is based on the 1996 service efficiency standard of 4,100 Equivalent Residential Units per response unit. This is not an adopted standard but serves as a guide for the number of units needed to maintain a five minute average response time. With inclusion of first response calls, the Department is meeting the adopted level of service with its existing units and expects to continue to do so during the five year planning period.

\*\*\* As new fire stations (Stations 19 and 29) and expansions to existing stations are completed over the five-year planning period, up to 6 units (2 listed in the CIE plus up to 4 not yet listed) will be added. Consideration of the new, national guidelines for Fire/Rescue response standards plus re-evaluation of the service efficiency standard for calculating the needed number of vehicles will ultimately determine the number of units needed within the next five years.





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Five Year Capital Schedule of Improvements

Project #	Public Safety Project Title	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
00012804	20 -traffic Preemption Devices	10,000	10,000	-	-	-
00016701	Fire Engine Bcc 9886	-	-	-	-	425,000
00144801	Replace Fire Engine	343,131	-	-	-	-
00145201	Replace Tower Truck Bcc 17245	-	875,000	-	-	-
00167001	Replace Transport Capable Unit	199,016	-	-	-	-
00167801	Replacement Fire Engine	343,131	-	-	-	-
00168001	Replacement Transport Capable	199,016	-	-	-	-
00168101	Replacement Transport Capable	199,016	-	-	-	-
00168501	Replacement Fire Engine	343,131	-	-	-	-
00179301	New Fire Station 13	1,558,630	-	-	-	-
00189001	Replace Rescue Bcc 19907	175,000	-	-	-	-
00189301	Renovations To Fire Stations	580,000	-	-	-	-
00190901	Land For Fire Station # 42 (la	-	-	-	-	425,000
00201601	Fire Heavy Rescue	-	-	700,000	-	-
00224601	Replacement Transport Capable	180,166	-	-	-	-
00225001	Fire Construction Cost Of Station 39	-	-	-	1,200,000	2,000,000
00225601	Renovations To Fire Stations	-	700,000	450,000	400,000	400,000
00237801	Fire Engine	378,000	-	-	-	-
00238401	Replace Squad Bcc 04122	810,000	-	-	-	-
00239601	Bay Addition Station 16	138,000	-	-	-	-
00249501	Fire Station 19-Greenwood Lakes	750,000	500,000	-	-	-
00249701	Fire Engine 19	-	408,240	-	-	-
00252301	Air Medical Helicopter	-	1,500,000	1,500,000	1,000,000	-
00256001	Fire Station 27 Expansion	240,000	-	-	-	-
00257201	Fire Transport Capable Unit Bcc 16662	-	-	200,000	-	-
00257301	Fire Transport Capable Unit Bcc #19236	-	-	225,000	-	-
00257401	Fire Replacement Engine Bcc #17245	-	-	400,000	-	-
00257801	Fire Replacement Engine Bcc #24682	-	-	-	-	400,000
00258001	Fire Station 29	-	750,000	2,200,000	675,000	-
<b>Total Public Safety</b>		<b>6,446,237</b>	<b>4,743,240</b>	<b>5,675,000</b>	<b>3,275,000</b>	<b>3,650,000</b>





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Facility Program – Recreation and Open Space

### Summary of Policies, Programs and Capital Improvements with Cost Impacts Recreation and Open Space

Scheduled Program and Cost Impacts for 10/1/2005 - 9/30/2010	
Costs cover additional lands acquired under the Natural Lands program and initial activities to open properties to the public as well as park and trail development.	
<b>Total 5 Year Cost</b>	<b>\$ 22,264,845</b>

Potential Additional Cost Impacts During/Beyond Five Year Planning Period
<p><b>Natural Lands</b> - Costs cover additional lands acquired under the Natural Lands program and initial activities to open properties to the public as well as park and trail development.</p> <p><b>Trails</b> - The existing 27 miles of paved and open trail will be expanded to 40.4 miles of Showcase Trails and 18.8 miles of Neighborhood/City Trails from 2006 - 2010. The trail system is not counted towards park acreage.</p>

**Available Funding Options - Natural Lands/Parks/Trails**  
 County General Fund (Countywide Ad Valorem Taxes), with possible Natural Lands funding relating to initial capital costs for the joint use plans. An initial endowment fund towards long-term Natural Lands management costs has also been established. As master plans for preservation and passive use of Natural Lands sites are developed over the coming years, these properties will begin to be counted towards meeting the County's park acreage level of service standards. Bond proceeds for trails will be leveraged with various grants, State/Federal reimbursements, and local operating budget activities to advance implementation of the full referendum-based program over the coming decade. Additional referendum bond funds will be available for natural land acquisitions and capital improvements.





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Capacity/Improvements Summary

### Recreation and Open Space

Year	Total Park Acreage	Developed Park Acreage
<b><u>CURRENT</u></b>		
Available - 10/1/03 - Natural Lands and Parks	2,963	963
Demand*	<u>1,491</u>	<u>746</u>
Surplus (Deficiency)	1,472	217
<b><u>SCHEDULED FIVE YEAR IMPROVEMENTS</u></b>		
Natural Lands and Parks	0	0
<b><u>FIFTH YEAR</u></b>		
2009 Available	2,963	963
Demand*	<u>1,673</u>	<u>837</u>
Surplus (Deficiency)	1290	126
<b><u>FUTURE</u></b>		
2020 Needed*	1792	896
* Based on Adopted Standard of:	3.6 acres/1,000	1.8 acres/1,000

Note: The trail system is not counted towards park acreage.



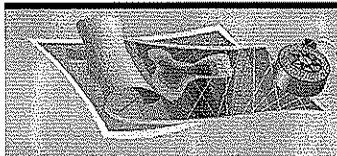


# Vision 2020 Comprehensive Plan Seminole County, Florida

## Five Year Capital Schedule of Improvements

Project #	Recreation/Open Project Title	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
00118305	Natural Lands for Trails Development	4,047,382	-	-	-	-
00175301	Wekiva Hutch	46,374	-	-	-	-
00187702	Cross Seminole Trail - Layer Elem Sch to Cardena Ave	1,900,320	-	-	-	-
00187703	Cross Seminole Trail - Green Way Blvd to Layer Elem Sch - 2	948,029	1,130,000	1,272,500	-	-
00187704	Seminole Wekiva Trail at SR 434 - Pedestrian Underpass	2,268,786	825,000	-	-	-
00187705	Flagler Trail - CR 426 to SR 46	415,396	-	-	-	-
00187706	Kewanee Trail - Cassel Creek Blvd to Kewanee Park	112,941	-	-	-	-
00187710	Jones Trailhead - Seminole Wekiva Trail at Long Pond Rd	100,000	-	-	-	-
00187711	Shane Kelly Park - Winter Miles Trailhead	335,000	-	-	-	-
00187713	Cross Seminole Trail - Mikler Rd to Red Bug Lake Rd	-	550,000	-	-	-
00187714	Cross Seminole Trail - Red Bug Lake Road to Franklin St	15,000	-	-	-	-
00187753	Cross Seminole Trail - Big Tree Park to Old Sanford Oviedo R	1,474,477	-	-	-	-
00187756	Kewanee Trail	320,000	-	-	-	-
00207301	Eugene Gregory Memorial Park	100,000	-	-	-	-
00209302	Miscellaneous Trail Improvements	50,000	50,000	50,000	50,000	50,000
00229201	I-4 Pedestrian Bridge - Lighting	263,403	-	-	-	-
00229202	US 17-92 at General Hutchison Pkwy - Pedestrian Overpass	4,000,000	-	-	-	-
00231601	Soldiers Creek Baseball Improvements	336,924	-	-	-	-
00234601	Jetta Point Park	1,553,313	-	-	-	-
<b>Total Recreation/Open Space</b>		<b>18,287,345</b>	<b>2,555,000</b>	<b>1,322,500</b>	<b>50,000</b>	<b>50,000</b>





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Facility Program - Solid Waste

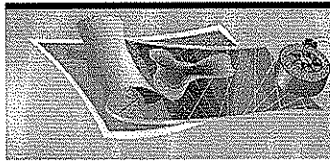
### Summary of Policies, Programs and Capital Improvements with Cost Impacts Solid Waste

Scheduled Program and Cost Impacts for 10/1/2005 - 9/30/2010	
The Solid Waste Management Division's planned capital improvement costs are related to work intended to maintain the solid waste management system and delivery of the level of service adopted in the Comprehensive Plan. Planned expenditures include replacement and upgrades of existing systems (e.g., pumping systems, tipping floor surfaces, etc.) and renewal of operating permits (including the Central Transfer Station's FDEP operating permit). No major expansions of the solid waste management system are planned.	
<b>Total 5 Year Cost</b>	<b>\$ 7,866,449</b>

Potential Additional Cost Impacts During/Beyond the Five Year Planning Period
Potential changes in grants legislation and EPA/FDEP regulatory requirements may alter future implementation and cost of various solid waste programs. Changes in FDEP rules and regulations concerning the operation of slurry-walled landfills could require the need for future landfill construction. No changes in these regulations are anticipated at this time.

**Available Funding Options** - Major revenue sources available to the Board of County Commissioners (either existing or available without voter approval) to fund all or portions of the Solid Waste Capital Improvement Element Update are: General fund, Solid Waste Enterprise fund. The revenue capacities associated with each of the above major revenues provide sufficient funding to enable full implementation of the five year schedule of improvements identified as part of the CIE Update.





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Capacity/Improvements Summary

### Solid Waste

Year	Osceola Rd Landfill	Central Transfer Station
	(tons)	(avg daily tons)
<b><u>CURRENT</u></b>		
2004 Available	24,514,563	1,900
2005 Demand (Class 1 Disposal)*	351,261	1,214
Capacity Remaining (Deficient)	24,163,302	686
<b><u>SCHEDULED FIVE YEAR IMPROVEMENTS</u></b>		
Proposed new capacity	0	0
<b><u>FIFTH YEAR OF CIE</u></b>		
2009 Available	22,242,424	1,900
2005 Demand *	419,424	1,450
Capacity Remaining (Deficient)	21,823,000	450
<b><u>FUTURE</u></b>		
2020 Capacity Remaining (Deficient)	16,870,527	0

Solid Waste Facilities Levels of Service (Landfill disposal rate; does not include recycled tonnage)	per Dwelling Unit (lbs/day)	per Employee (lbs/day)
Osceola Road Landfill - 2001/02 - 2005/06	4.2	4.7
Central Transfer Station - 2001/02 - 2005/06	4.4	4.9

\* Projection of demand based on current Level of Services. LOS to be reviewed/ revised in 2006.  
(facility program - solid waste.xls)





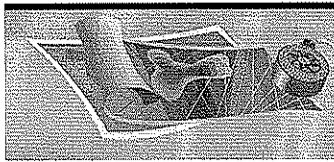
# Vision 2020 Comprehensive Plan Seminole County, Florida

## Five Year Capital Schedule of Improvements

Project #	Solid Waste Project Title	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
00018301	Gas Management - Osceola Landf	-	-	200,000	230,000	-
00081201	Citizen's Service Area Landfil	276,889	-	-	-	-
00110301	Landfill Gas Reuse Project	23,900	-	-	-	-
00134201	Undesignated Equip/contracts O	212,500	265,500	-	-	-
00137801	Citizens' Service Area At Tran	1,012,060	-	-	-	-
00160801	Landfill Roadways Repairs And	350,000	-	-	-	-
00169101	Sw Landfill Hazardous Waste Operations Buildi	-	-	350,000	-	-
00170101	Sw Central Transfer Station Roof Replacement	-	-	350,000	-	-
00215901	Landfill Lift Station Pump Upg	-	-	17,000	20,000	-
00216001	Osceola Landfill Npdcs Permit	25,000	-	-	-	-
00216101	Sw/renewal Cntrl Trans Stat	-	-	-	87,000	-
00244501	Sw/landfill Scalehouse	100,000	500,000	-	-	-
00244601	Sw/landfill Gas System Expansion	220,000	-	250,000	250,000	250,000
00244701	Cts Scale Automation	150,000	-	-	-	-
00244801	Landfill Title Five Air Permit Renewal	50,000	-	-	-	-
00244901	Landfill Household Hazardous Waste Pole - Barn	200,000	-	-	-	-
00245001	Cts Truck Wash Replacement And Upgrades	150,000	-	-	-	-
00245101	Landfill Solid Waste Operating Permit - Renewal	-	150,000	-	-	-
00248001	Sw/transfer Trailers	385,000	813,600	-	-	-
00248101	Sw/road Tractors	652,000	-	-	-	-
00248201	Sw/front-end Loader	-	326,000	-	-	-
<b>Total Solid Waste</b>		<b>3,807,349</b>	<b>2,055,100</b>	<b>1,167,000</b>	<b>587,000</b>	<b>250,000</b>







# Vision 2020 Comprehensive Plan Seminole County, Florida

## Facility Program - Transportation: Mass Transit

### Summary of Policies, Programs and Capital Improvements with Cost Impacts Transportation - Mass Transit

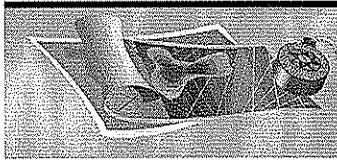
Scheduled Program and Cost Impacts for 10/1/2005 - 9/30/2010	
Funding for LYNX bus route service, Regional Transportation Agency membership and the Americans with Disabilities Act paratransit service. The bus routes are #1, #23, #34, #39, #41, #46 and #47. Additional monies are also available for the possible funding of commuter rail, light rail and other transportation initiatives as determined by the BCC.	
<b>Total 5 Year Cost</b>	<b>\$ 25,203,557</b>

Potential Additional Cost Impacts During/Beyond The Five Year Planning Period
The Board and the Mayors and Managers Group continue to work towards finding a dedicated funding source for mass transit. A new Lake Mary (#45) and new Midway-Sanford Airport route (#33) have been started and are initially funded by Workforce Central Florida and a Federal JARC Revenue grant. Seminole County is also contributing voted funds in 2005 towards construction of a commuter rail system.

<b>Available Funding Options</b> – Major revenue sources available to the Board of County Commissioners (either existing or available without voter approval) to fund all or portions of the Mass Transit Capital Improvement Element Update are: General fund, Mass Transit/9th Cent Gas Tax fund, Local Option Infrastructure Sales Tax. The cities have also contribute funds towards fixed bus service and ADA paratransit service.
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(Facility program-Transp Mass Transit.xls)





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Capacity/Improvements Summary

### Transit

Year	Revenue Miles/Capita Transit Service Area
<b><u>CURRENT</u></b>	
Available	868,787
Demand*	<u>363,879</u>
Surplus (Deficiency)	504,908
<b><u>SCHEDULED FIVE YEAR IMPROVEMENTS</u></b>	
None at this time	0
<b><u>FIFTH YEAR</u></b>	
2009 Available	868,787
Demand*	<u>402,853</u>
Surplus (Deficiency)	465,934
<b><u>FUTURE</u></b>	
2020 Needed*	417,701

\* Based on Standard of : 1.03 Revenue Miles/Capita.



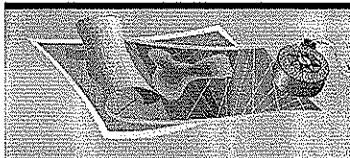


# Vision 2020 Comprehensive Plan Seminole County, Florida

## Five Year Capital Schedule of Improvements

Project #	Mass Transit Project Title	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
00251401	Rail Related Transit	4,000,000	10,000,000	4,000,000	6,000,000	-
110215	Transit/Lynx	168,038	193,437	193,437	193,437	193,437
110203	Lynx	3,638,639	4,184,435	4,184,435	4,184,435	4,184,435
Total Mass Transit		7,806,677	14,377,872	8,377,872	10,377,872	4,377,872





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Facility Program - Transportation: Roads

### Summary of Policies, Programs and Capital Improvements with Cost Impacts Transportation - Roads

Scheduled Program and Cost Impacts for 10/1/2005 - 9/30/010	
<p>Costs include funding for:</p> <ul style="list-style-type: none"> <li>- State Road Network Improvements</li> <li>- County Road Network Improvements and joint projects with the Cities</li> <li>- Traffic Management Improvements</li> <li>- Sidewalk Programs</li> <li>- Pedestrian Overpasses</li> </ul> <p><b>Note:</b> The following projects, contained in the list of CIE projects for Transportation, are proposed to utilize Transportation Regional Incentive Program (TRIP) funding:</p> <ul style="list-style-type: none"> <li>- 00205202 - Oviedo SR 426/CR 419</li> <li>- 00226301 - Red Bug Lk Rd @ SR 436 \ Interchange</li> <li>- 00205302 - SR 434 - Montgomery Rd to I-4</li> <li>- 00205303 - SR 434 - I-4 to Rangeline</li> <li>- 00205304 - SR 434 - Rangeline to CR 427</li> </ul>	
<b>Total 5 Year Cost</b>	<b>\$438,679,647</b>

**Potential Additional Cost Impacts During/Beyond Five Year Planning Period**

The September, 2001 referendum renewal of the local option sales tax has enabled programming of specific projects to provide a wide variety of transportation improvements, including previously identified needs on the State Road system. Evolving needs still not fully addressed, however, include major road network improvements in the vicinity of key economic drivers in Seminole County. An example of such a need relating to the Orlando-Sanford Airport is the widening of SR 46 from Sanford Avenue west to SR 415, and the widening of SR 415 which are not fully funded through construction.

**Available Funding Options** - 1 Cent Sales Tax and Impact Fees are projected to cover costs for the majority of the planned major improvements, with the County Transportation Fund supporting the resurfacing program. Major revenue sources available to the Board of County Commissioners (either existing or available without voter approval) to fund all or portions of the Transportation Capital Improvement Element Update are: General fund, Transportation Trust fund, Local Option Infrastructure Sales Tax fund, Impact Fee funds. The revenue capacities associated with each of the above major revenues provide sufficient funding to enable full implementation of the five year schedule of improvements identified as part of the CIE Update.





# Vision 2020 Comprehensive Plan Seminole County, Florida

## Capacity Evaluation Summary: County Roads

County Roads	From-To	Note	Adopted LOS Standard	2005 Existing Deficiency	Projected Deficiency if no Improvement	Projected Deficiency with Improvement
Airport Boulevard	SR 46 to Mc Cracken Road	1	E			
Airport Boulevard	Mc Cracken Road to CR 46A	1	E			
Airport Boulevard	CR 46A to Old Lake Mary Road	1	E			
Airport Boulevard	Old Lake Mary Road to US 17-92	1	E			
Bunnell Road	Eden Park Road to West Town Parkway	1	E			
Chapman Road	SR 426 to Oak Circle	2	E+20%			
Chapman Road	Oak Circle to SR 434	2	E+20%			
CR 15 (Monroe Rd)	SR 46 to US 17-92	1	E			
CR 419	Lockwood Boulevard to 2nd Street	1	D		Yes	
CR 46A	Country Club Road to Airport Boulevard	1	E	Yes	Yes	
CR 46A	Airport Boulevard to Old Lake Mary Road	1	E			
Dean Road	SR 426 to County Line	1	E		Yes	
Eden Park Road	Bunnell Road to Orange County Line	1	E			
Lake Drive	Seminola Boulevard to Tuskawilla Road	1	E			
Lake Emma Road	Sand Pond Road to Greenway Boulevard	1	E	Yes	Yes	
Lake Emma Road	Greenway Boulevard to Longwood Hills Road	1	E	Yes	Yes	
E. Lake Mary Blvd	SR 46 to Red Cleveland Blvd.	3	E			
Sand Lake Road	SR 434 to W. Lake Brantley Road (E)	1	E		Yes	
Sand Lake Road	W. Lake Brantley (E) to Hunt Club Boulevard	1	E		Yes	
Wekiva Springs	Fox Valley Road to Hunt Club Boulevard	4	D	Yes	Yes	
Wymore Road	SR 436 to Westmonte Drive	1	E			
Wymore Road	Westmonte Drive to Spring Lake Hills Drive	1	E			
Wymore Road	Spring Lake Hills Drive to Lake Destiny Road	1	E			
Wymore Road	Lake Destiny Road to Orange County Line	1	E			

(1) Additional lanes or other improvements programmed in 2005 CIE.

(2) Policy Constrained

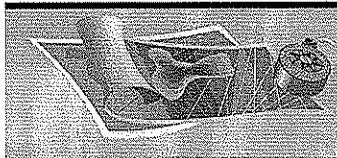
(3) New Roadway Construction.

(4) Monitor Traffic Conditions.

Note: This summary presents only those existing, classified County roadways that have:

1) a current deficiency, 2) a five-year deficiency, or 3) improvement activity in the CIE.



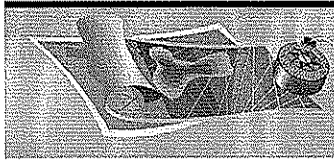


# Vision 2020 Comprehensive Plan Seminole County, Florida

## Capacity Evaluation Summary: State Roads

State Roads	From-to	Note	Adopted LOS Standard	2005 Existing Deficiency	Projected Deficiency if no Improvement	Projected Deficiency with Improvement
Interstate 4	Orange County Line to SR 436	3	D	Yes	Yes	
Interstate 4	SR 436 to SR 434	3	D	Yes	Yes	
Interstate 4	SR 434 to Lake Mary Boulevard	3	D	Yes	Yes	
Interstate 4	Lake Mary Boulevard to SR 46	3	D		Yes	
Interstate 4	SR 46 to Volusia County Line	3	D		Yes	
SR 417	Orange County Line to Aloma Avenue	1	D			
SR 417	Aloma Avenue to Red Bug Lake Road	1	D			
SR 417	Red Bug Lake Road to SR 434	1	D			
SR 415	SR 46 to Volusia County Line	1	E			
SR 419	SR 434 to US 17-92	3	E	Yes	Yes	
SR 426	Mitchell Hammock Road to Pine Street	1	E	Yes	Yes	
SR 426	Winter Springs Boulevard to Lake Jessup Avenue	3	E	Yes	Yes	
SR 426	Lake Jessup Avenue to SR 434	3	E	Yes	Yes	
SR 434	Mitchell Hammock Road to SR 426-CR 419	2&5	D		Yes	
SR 434	SR 426-CR419 to DeLeon Street	2&5	D	Yes	Yes	
SR 434	DeLeon Street to SR 417	3	D	Yes	Yes	
SR 434	CR 427 to Rangeline Road	1	D	Yes	Yes	
SR 434	Rangeline Road to Palm Springs Drive	1&4	D	Yes	Yes	
SR 434	Palm Springs Drive to Raymond Avenue	1&4	D	Yes	Yes	
SR 434	Raymond Avenue to I-4	1&4	D	Yes	Yes	Yes
SR 434	I-4 to Douglas Avenue	1&4	D	Yes	Yes	Yes
SR 434	Douglas Avenue to Wekiva Springs Road	1&4	D	Yes	Yes	Yes
SR 434	Wekiva Springs Road to Sand Lake Road	3	D	Yes	Yes	
SR 434	Sand Lake Road to SR 436	3	D	Yes	Yes	
SR 434	SR 436 to County Line	1	D	Yes	Yes	
SR 436	Orange County Line to Howell Branch Road	3	D	Yes	Yes	
SR 436	Howell Branch Road to Red Bug Lake Road	3	D	Yes	Yes	
SR 436	Red Bug Lake Road to US 17-92	3	D	Yes	Yes	
SR 436	US 17-92 to CR 427 (Longwood Avenue)	3	D	Yes	Yes	
SR 436	CR 427 (Longwood) to CR 427 (Maitland)	3	D	Yes	Yes	
SR 436	CR 427 (Maitland) to Palm Springs Drive	3	E		Yes	
SR 436	Palm Springs Drive to Northlake Boulevard	3	E		Yes	
SR 436	Northlake Boulevard to I-4 East Ramp	3	E	Yes	Yes	
SR 436	I-4 East Ramp to Wymore-Douglas	3	E	Yes	Yes	
SR 436	Wymore-Douglas to Lynchfield Avenue	3	E	Yes	Yes	
SR 436	Lynchfield Avenue to SR 434	3	D	Yes	Yes	
SR 436	SR 434 to Bear Lake Road	3	D	Yes	Yes	
SR 436	Bear Lake Road to Hunt Club Boulevard	3	D	Yes	Yes	
SR 436	Hunt Club Boulevard to Orange County Line	2	D	Yes	Yes	
SR 46	Mellonville Avenue to Beardall Avenue	1	E	Yes	Yes	
SR 46	Beardall Avenue to SR 415	1	D	Yes	Yes	
SR 46	Lake County to CR 431	1	D	Yes	Yes	
US 17-92	Orange County Line to Lake of the Woods	1	D	Yes	Yes	
US 17-92	Lake of the Wood to SR 436	3	D	Yes	Yes	
US 17-92	SR 436 to Triplet Lake Drive	3	D		Yes	





# Vision 2020 Comprehensive Plan Seminole County, Florida

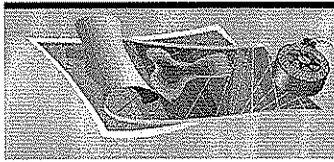
State Roads	From-to	Note	Adopted LOS Standard	2005 Existing Deficiency	Projected Deficiency if no Improvement	Projected Deficiency with Improvement
US 17-92	Triplet Lake Drive to Seminola-Dogtrack	3	D		Yes	
US 17-92	Seminola-Dogtrack to SR 434	3	D		Yes	
US 17-92	SR 434 to CR 427-SR 419	1	D	Yes	Yes	
US 17-92	CR 427-SR 419 to CR 427	1	D	Yes	Yes	
US 17-92	CR 427 to County Home Road	1	D		Yes	
US 17-92	County Home Road to Lake Mary Boulevard	1	D		Yes	
US 17-92	Lake Mary Boulevard to Airport Boulevard	3	D		Yes	
US 17-92	Seminole Blvd. to Oak Drive	3	D	Yes	Yes	
US 17-92	Oak Drive to CR 15	3	D	Yes	Yes	
US 441/OB	Orange County to Orange County	3	D	Yes	Yes	

- (1) Additional lanes or other improvements programmed as listed in the FDOT workprogram.
- (2) Policy Constrained/all or part in County's adopted Transportation Element.
- (3) Monitor traffic operating conditions.
- (4) Advance funded by Seminole County one cent sales tax monies. Construction funded in 2008/09 & 2009/10.
- (5) City of Oviedo planning 2-way 2 lane pairs through downtown Oviedo.

Note: This summary presents only those existing, classified roadways in the County which have: either a current or five-year deficiency; or improvement activity in the FDOT 5 Year Work program or the County's CIE. The evaluations of projected traffic operating conditions on State roads made for the 2000 Update have reinforced the need for continued monitoring and development of multimodal transportation strategies to address levels of service on State roads. The increasingly limited availability of capacity on State roads to accommodate new or expanded land development activities is threatening the County's ability to achieve important Federal, State and County goals, objectives and policies. Even with the use of travel time and delay studies, peak hour evaluations and other more rigorous techniques, available capacity is rapidly becoming depleted on significant portions of I-4, US 17-92, SR 434, and SR 436. Also, shorter segments of SR 46 and SR 426 are becoming capacity deficient. Many of these deficient State Roadway segments are policy constrained to 6 lanes in the County's comprehensive plan. For the remainder, the FDOT has not programmed construction of additional lanes in the first three years of the adopted 5-year Work Program. The lack of available capacity on State roads and the failure to program needed capacity improvements is creating a critical problem for the County. The extent of these projected roadway capacity deficiencies requires the County to begin specific development and implementation of the multimodal strategies first presented in the 1991 Comprehensive Plan. These strategies have been further refined in this update to the Comprehensive Plan and additional policies and implementing devices have been identified. In part, implementation of these strategies will be through a series of special areas studies and designation of special transportation areas as appropriate. In addition, the County has worked extensively with FDOT to advance fund projects through the County's second generation one cent sales tax. This has resulted in the County advance funding the six laning of SR 434 from Montgomery Rd./Wekiva Springs Rd to Rangeline Rd. and in turn FDOT has agreed to move up the construction of the six laning of US 17/92 from Shepard Rd. to Lake Mary Blvd.





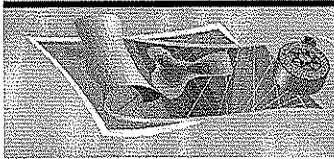


# Vision 2020 Comprehensive Plan Seminole County, Florida

Project #	Transportation Project Title	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
00005701	Airport Blvd - US 17-92 to CR 46A	509,077	-	-	-	-
00005801	C-15 (Monroe Rd) - SR 46 To US 17-92	6,557,647	8,300,000	-	-	-
00006101	Airport Blvd - CR 46A to SR 46	2,638,088	-	-	-	-
00006102	Airport Blvd - US 17-92 to SR 46 (Construction)	18,537,217	-	-	-	-
00006201	Bunnell Rd - Eden Park Rd to West Town Pkwy	88,764	-	-	-	-
00006202	Bunnell Rd/Eden Park Ave (Construction)	4,137,336	-	16,632,000	-	-
00006301	Chapman Rd - SR 426 to SR 434	3,436,046	3,000,000	10,000,000	-	-
00006702	CR 427 - SR 436 to Charlotte St	1,309,317	-	-	-	-
00007001	CR 427 - Longwood-Lake Mary Rd to US 17-92	65,900	-	-	-	-
00007202	CR 427 - US 17-92 to Lake Mary Blvd	208,516	-	-	-	-
00007502	Dodd Rd - Red Bug Lake Rd to Howell Branch Rd	672,885	-	-	-	-
00007701	Eden Park Rd - Bunnell Rd to Orange County Line	47,568	-	-	-	-
00010401	E Lake Mary Blvd - Sanford Ave to Ohio Ave	704,254	-	-	-	-
00010701	E Lake Mary Blvd - Ohio Ave to SR 415	4,427,743	-	-	-	-
00011401	CR 46A - CR 15 to Old Lake Mary Rd	8,834,383	-	-	-	-
00012401	Lake Dr - Seminola Blvd to Tuskawilla Rd	17,590,002	-	-	-	-
00012402	Lake Dr - Seminola Blvd to Tuskawilla Rd (Casselberry)	909,011	-	-	-	-
00012403	Lake Dr - Seminola Blvd to Tuskawilla Rd (SNOCWTA)	460,000	-	-	-	-
00013701	Sand Lake Rd - Hunt Club Blvd to SR 434	2,023,174	-	-	-	12,500,000
00014201	Miscellaneous Right-of-way, C	25,000	-	-	-	-
00014601	Wymore Rd - Orange County Line to SR 436	3,973,838	-	-	-	8,502,045
00016202	TRAFFIC PROJECTS- FUTURE	150,000	150,000	150,000	150,000	-
00024201	Howell Branch Rd - Lake Howell Rd to SR 436	136,000	-	-	-	-
00024202	Howell Branch Rd / Lake Howell Rd / SR 436 Landscaping	64,000	-	-	-	-
00024203	Howell Branch Road / Lake Howell Road / SR 436 Traffic and S	136,667	-	-	-	-
00054101	Lake Emma Rd - Sand Pond Rd to Longwood Hills Rd	2,956,788	14,329,506	-	-	-
00075301	CR 46A - Rinehart Rd to CR 15	31,484	-	-	-	-
00137101	Asphalt Surface Maintenance Pr	3,466,875	2,800,500	4,200,525	4,410,550	4,631,078
00173501	Rds Access Mgt And Resurfacin	141,816	-	-	-	-
00175502	Jpp/sr434 Sixlane/maitland-436	312,677	-	-	-	-
00175503	SR 434 - Maitland Blvd to SR 436	312,677	-	-	-	-
00187718	Riverwalk Trail - C-15 to Frech Ave - City of Sanford Lead	-	-	690,000	-	-
00187723	Cross Seminole Trail - Big Tree Park to Old Sanford Oviedo R	1,511,501	500,000	-	-	-
00187724	Aloma Ave at Red Bug Lake Rd - Pedestrian Overpass	-	2,050,000	-	-	-
00191617	Minor Rd. Program - Future Years	-	-	4,000,000	4,000,000	4,000,000
00191618	Celery Ave - Mellonville Ave to SR 415	769,815	450,000	-	-	-
00191620	Minor Road Program (11541 Fund	187,500	187,500	187,500	187,500	187,500
00191621	Richmond Ave - SR 46 to Moore's Station	99,014	-	-	-	-
00191622	Eng-beardall Ave	50,000	750,000	-	-	-
00191623	Red Bug Lake Rd @ Tuskawilla Rd - Intersection Improvements	2,015,865	-	-	-	-
00191625	Eng-w. Crystal Drive	15,935	-	-	-	-
00191629	Eng-old Mims Rd (cr426 To S.	309,342	-	-	-	-
00191630	Slavia Rd @ SR 426 - Intersection Improvement	405,286	-	-	-	-
00191636	CR 431 (Orange Blvd) - CR 46A to SR 46	132,008	2,800,000	-	-	-
00191638	Vihlen Paving	475,000	-	-	-	-
00191640	Country Club Rd - Rantoul Ln to CR 46A	150,000	1,000,000	-	-	-
00191642	SR 436 @ Maitland Ave - Intersection Improvement	-	75,000	-	-	-
00191643	CR 46A @ Rinehart Rd - Intersection Improvement	50,000	350,000	-	-	-



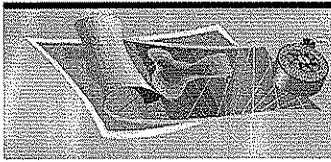




# Vision 2020 Comprehensive Plan Seminole County, Florida

Project #	Transportation Project Title	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
00191644	Lake Mary Blvd - Left Turn Lane Extensions	75,000	500,000	-	-	-
00191645	Osceola Rd @ Old Geneva Rd - Minor Projects	-	50,000	250,000	-	-
00191646	SR 426 - Tuskawilla Rd To SR 417	175,000	1,750,000	-	-	-
00191647	SR 436 @ Balmy Beach - Intersection Improvement	-	75,000	500,000	-	-
00191648	SR 436 @ Howell Branch Rd - Intersection Improvement	75,000	600,000	-	-	-
00191649	SR 436 @ Hunt Club Blvd - Intersection Improvement	-	75,000	500,000	-	-
00191650	CR 46A @ US 17-92 - Intersection Improvement	-	100,000	-	-	-
00191651	Upsala 90 Degree Curve	-	-	50,000	-	-
00192002	Lake Emma Rd - Greenwood Blvd to Sand Pond Rd	277,523	-	-	-	-
00192003	East Lake Brantley Dr - SR 434 to Wekiva Springs Rd	165,822	-	-	-	-
00192005	Collector Safety & Capacity Enhance - Future	-	-	1,500,000	1,500,000	1,500,000
00192006	Collector Roads Program	187,500	187,500	187,500	187,500	187,500
00192007	Wekiva Springs Rd - Wekiva Springs Ln to Sabal Palm Dr	4,067,821	-	-	-	-
00192008	Eng-wekiva Springs Rd	564,697	1,000,000	-	-	-
00192010	Celery Ave - Sanford Ave to Mellonville Ave	851,167	-	-	-	-
00192014	Bear Lake Rd - Orange County Line to SR 436	317,950	1,500,000	-	-	-
00192401	Ped. Overpass At Lake Mary Ele	3,980,168	-	-	-	-
00192504	County Sidewalk Program/w. Lak	396,875	-	-	-	-
00192508	County Sidewalk Program/countr	200,000	-	-	-	-
00192509	County Sidewalk Program/dike R	310,000	-	-	-	-
00192514	County Sidewalk Pgm - Future Years	-	-	5,220,000	5,260,000	5,300,000
00192518	Eng-cty Sidewalk Prog Sabal Pa	500,000	-	-	-	-
00192521	Old Howell Branch	155,554	-	-	-	-
00192522	Hunt Club Blvd	320,000	-	-	-	-
00192523	Palm Springs Dr	330,503	-	-	-	-
00192524	Sipes Ave	310,497	-	-	-	-
00192525	Brisson Ave	180,849	-	-	-	-
00192526	Lake Markham Rd	299,708	-	-	-	-
00192527	Old Lake Mary Rd	86,706	-	-	-	-
00192530	Longwood Lk Mary	281,591	-	-	-	-
00192531	Greenway Blvd	350,000	-	-	-	-
00192532	Old Geneva Rd	184,107	-	-	-	-
00192533	W Wekiva Trail	450,000	-	-	-	-
00192542	Birchwood Drive	-	200,000	-	-	-
00192545	Cedarwood Drive	-	200,000	-	-	-
00192546	Linneal Beach Dr	400,000	-	-	-	-
00192547	Oranole - Sidewalk	300,000	-	-	-	-
00192548	Avenue E	300,000	-	-	-	-
00192549	Pear Lake Causeway	250,000	-	-	-	-
00192550	E 5th Street	300,000	-	-	-	-
00192552	Cr415	-	410,000	-	-	-
00192554	Longwood Hills	-	350,000	-	-	-
00192556	Raymond Ave	-	380,000	-	-	-
00192557	Gabriella Lane	-	370,000	-	-	-
00192558	Eastbrook Blvd	-	250,000	-	-	-
00192560	Greenwood	-	450,000	-	-	-
00192561	Kewanee Trail	-	250,000	-	-	-
00192563	Fernwood Blvd	-	250,000	-	-	-
00192570	Dean Road Sidewalk Project	100,000	-	-	-	-
00192603	Rds-paving Contingency Of Vari	225,000	-	-	-	-
00196901	Ped. Overpass At Red Bug Eleme	4,000,000	-	-	-	-





# Vision 2020 Comprehensive Plan Seminole County, Florida

Project #	Transportation Project Title	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
00197001	17-92 Sanford Lakefront Projec	2,900,000	-	-	-	-
00198101	Major/state Rds Program	-	1,000,000	-	4,000,000	-
00198102	Cr419	-	-	1,000,000	-	-
00202313	Sr46 @ Longwood Markham Road	206,557	-	-	-	-
00202317	Plumosa Avenue Rail Road Crossing	300,000	-	-	-	-
00202318	TRAFFIC- FUTURE SAFETY PROJECT	-	-	625,000	625,000	625,000
00202323	Hester Road R/r Rebuild	122,214	-	-	-	-
00202327	E. Lake Mary-us 17/92 To Airport Ent - Safety-truncated Dome	33,000	-	-	-	-
00202328	Rinehart Rd From Cr 46a To Sr 46 - Safety-truncated Domes	18,000	-	-	-	-
00202329	Tuskawilla Rd - Sr 434 To Sr 426 - Safety-truncated Domes	58,000	-	-	-	-
00202330	Cr-427 - Sr 436 To 17/92 - Safety-truncated Domes	172,000	-	-	-	-
00202331	Seminola Blvd-us 17/92 To Lake Drive - Safety-truncated Dome	-	62,000	-	-	-
00202332	Cr 46a-orange To Upsala - Safety-truncated Domes	-	36,000	-	-	-
00202333	Maitland Ave-sr 436 To County Line - Safety-truncated Domes	-	31,000	-	-	-
00202334	Howell Branch Rd-sr 426 To County Line - Safety-truncated Do	-	66,000	-	-	-
00202335	Dodd Road-red Bug To Howell Branch - Safety-truncated Domes	-	20,000	-	-	-
00202336	International Pkwy-lk Mary Bl To Sr 46 - Safety-truncated Do	-	44,000	-	-	-
00202337	Cr 419 - Lockwood Blvd To 2nd Street - Safety-truncated Dome	-	16,000	-	-	-
00202338	Snowhill Road-cr 419 Through 4 Lane - Safety-truncated Domes	-	8,000	-	-	-
00202503	Middle School	280,000	-	-	-	-
00202517	Elementary School "j"	150,000	-	-	-	-
00202519	New Lawton Chiles Middle School	228,000	-	-	-	-
00202521	Lake Mary High School Signal	69,000	-	-	-	-
00205201	Future Year Cty/county	1,500,000	-	-	-	-
00205202	Oviedo SR 426 / CR 419 (TRIPS) <i>(Project proposed to use TRIPS funding)</i>	3,000,000	3,000,000	-	-	-
00205204	County/city Cost Shared Projects - Altamonte Ped Overpass	-	2,000,000	-	-	-
00205301	Future Years State Road System	187,500	187,500	187,500	187,500	187,500
00205302	SR 434 - Montgomery Rd to I-4 (TRIPS) <i>(Project proposed to use TRIPS funding)</i>	1,529,787	7,000,000	-	4,000,000	-
00205303	SR 434 - I-4 To Range Line Rd (TRIPS) <i>(Project proposed to use TRIPS funding)</i>	1,500,000	15,000,000	-	-	9,000,000
00205304	SR 434 - Rangeline Rd to CR 427 (TRIPS) <i>(Project proposed to use TRIPS funding)</i>	-	-	1,500,000	18,500,000	-
00205401	Lake Mary Bl @ Rinehart (or	4,000,000	-	-	-	-
00205501	Future Traffic Signals & Signal Systems	-	-	625,000	625,000	625,000
00205513	CR419@LIVE OAK RESERVE BVD	150,000	-	-	-	-
00205514	Longwood-lake Mary Rd At Greenway Blvd - Mast Arms	120,000	-	-	-	-
00205515	WEKIVA SPRGS RD@E LK BRANTLEY	140,000	-	-	-	-
00205516	Red Bug At Dovera - Mast Arms	140,000	-	-	-	-
00205517	Howell Branch And Dodd Road - Mast Arms	-	140,000	-	-	-
00205518	Howell Branch And Eastbrook - Mast Arms	-	130,000	-	-	-
00205519	Howell Branch Road And Dike - Mast Arms	-	130,000	-	-	-
00205521	Red Bug And Oviedo Marketplace - Mast Arms	-	150,000	-	-	-





# Vision 2020 Comprehensive Plan Seminole County, Florida

Project #	Transportation Project Title	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
00205601	Traffic Communication Network Future Projects	-	-	240,000	240,000	240,000
00205610	Sr 434-us 17/92 To Sr 419 Upgrade - Fiber	130,000	-	-	-	-
00205611	Sr 426-red Bug To Sr 434 Upgrade - Fiber	70,000	-	-	-	-
00205612	Red Bug-tuskawilla To Sr 434 Upgrade - Fiber	-	130,000	-	-	-
00205613	Montgomery-sr 434 To Sr 436 Upgrade - Fiber	-	70,000	-	-	-
00205701	Traf Future ATM Projects	-	-	600,000	600,000	600,000
00205718	Atms - Wireless Access Points	150,000	-	-	-	-
00205719	Network Communications Equipment	80,000	-	-	-	-
00205720	Atms-controller Memory Upgrades	60,000	-	-	-	-
00205721	Atms-variable Message Sign Upgrades	60,000	-	-	-	-
00205722	Atms-computer Software Licenses Upgrades	150,000	-	-	-	-
00205723	Atms-transponder Reader Stations Sr 434	-	200,000	-	-	-
00205724	Atms-variable Message Signs On Sr 436	-	240,000	-	-	-
00205725	Atms-network Communications Equipment	-	60,000	-	-	-
00205801	TRAFFIC PROJECTS - FUTURE 11541	-	-	180,000	180,000	180,000
00205803	Sunland Estates	70,000	115,000	-	-	-
00206201	Dyson Drive School Safety Side	500,000	-	-	-	-
00206204	Safety/sidewalk Program	187,500	187,500	187,500	187,500	187,500
00206206	Citrus Rd/shetland Ave/norther	360,000	-	-	-	-
00206207	Mellonville (city Of Sanford)	-	400,000	-	-	-
00206503	Fern Park Streetscape/landscap	500,000	-	-	-	-
00209001	Land Acquisition Bank Fund	800,000	200,000	-	-	-
00209301	Small Sidewalk Safety Response	50,000	50,000	50,000	50,000	50,000
00226301	Red Bug Lake Rd @ SR 436 - Interchange (TRIPS)	3,700,000	-	10,000,000	-	25,500,000
00226401	Airport Blvd Extension - SR 46 to C-15	648,026	-	-	-	15,000,000
00226501	US 17-92 - Orange County Line to Lake of the Woods Blvd	8,255,048	-	-	-	-
00227007	Longwd Lk Mary Rd Fm Lk Way To	123,000	-	-	-	-
00227008	Sabal Palm Dr Fm Lngmdw Cr To	209,079	-	-	-	-
00227012	Arterial/Collector Pavement Rehab	-	-	1,650,000	1,750,000	1,750,000
00227015	Red Bug Lake Rd Fm Sr436 To A	364,720	-	-	-	-
00227016	Red Bug Lake Rd Fm Tuscawilla	1,007,000	-	-	-	-
00227017	Sw Road Fm Country Club To Roo	156,000	-	-	-	-
00227018	Airport Blvd - From 2550' W Of 17-92 To - 4180' W Of 17-92	80,900	-	-	-	-
00227019	Eagle Circle S From Wild Fox Dr E To - Eagle Circle	274,500	-	-	-	-
00227021	C-426 \SEM WDS S 3850 FT	150,500	-	-	-	-
00227022	C-426 From E Of Genoa Dr To Van Arsdale	403,600	-	-	-	-
00227023	C-426 From Queen St To Lake Charm	150,500	-	-	-	-
00227024	Snow Hill Road From 2640 Ft From Ave H - To The Pavement Cha	-	71,500	-	-	-
00227025	Marquette Ave From Beardall Ave To - E. Lake Mary Blvd	-	144,500	-	-	-
00227026	Beardall Ave From S-46 To Marquette Ave	-	214,600	-	-	-
00227027	Dike Road From Howell Br Rd To 528 Ft	-	18,500	-	-	-
00227028	Dike Road From 528 Ft To Tuskawilla Rd	-	588,200	-	-	-
00227029	C-427a (27th St) From Sanford Ave To - Us 17-92	-	131,500	-	-	-
00227030	Eagle Cir From Eagle Cir S To Wild Fox - Drive E	-	435,800	-	-	-
00229203	Osprey Rail Road Crossing	400,000	-	-	-	-
00229204	Aloma Ave at Red Bug Lake Rd - Pedestrian Overpass	-	1,950,000	-	-	-

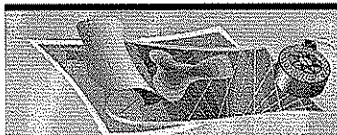




# Vision 2020 Comprehensive Plan Seminole County, Florida

Project #	Transportation Project Title	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
00229205	Lake Mary Blvd at International Dr - Pedestrian Crossing	4,000,000	-	-	-	-
00247601	Supplimental Roads - Group I	1,050,000	550,000	-	-	-
00247602	Supplimental Roads - Group II	250,000	150,000	1,550,000	-	-
00247702	Oak Way From Mellonville To 3,060 Ft W	102,000	-	-	-	-
00247703	28th St From Park Ave To Oak Ave	37,000	-	-	-	-
00247704	Michigan Ave From New York To N Oregon	171,000	-	-	-	-
00247705	Orange St From Howard Ave To House 2290	56,000	-	-	-	-
00247706	Magnolia Ave From 27th St To South To - Pavement	-	130,000	-	-	-
00247707	Bay Meadows From Cr 427 To Dead End	125,000	-	-	-	-
00250001	TUSKA IRRIG&LNDSCP/STWTR REUSE	387,757	-	-	-	-
00250101	RED BUG IRRIG&LANSC/STWTR REUSE	387,757	-	-	-	-
00255801	SR 46 Gateway Sidewalk - Hickman Dr to Airport Blvd / IPP	400,000	2,200,000	-	-	-
00255901	Lake Mary Corridor Safety & Capacity Improvements	250,000	-	-	-	-
<b>Total Transportation</b>		<b>155,875,843</b>	<b>82,947,606</b>	<b>62,462,525</b>	<b>46,640,550</b>	<b>90,753,123</b>



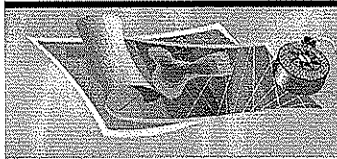


# Vision 2020 Comprehensive Plan Seminole County, Florida

## FDOT ADOPTED FIVE YEAR IMPROVEMENT PLAN - MAJOR CAPITAL PROJECTS Fiscal Years 2005/06 - 2009/10

ROADWAY SEGMENT	IMPROVEMENTS				ESTIMATED ANNUAL COSTS (\$)				
	Widen		Length (Miles)	Proj Ph	Fiscal Years				
	Fr	To			2005/06	2006/07	2007/08	2008/09	2009/10
CR 15 from SR 46 to CR 431 (Orange Blvd.)			1.133	ROW CST	8,000,000 -	- 2,000,000	- -	- -	- -
Cross Seminole Trail III from Red Bug Lake Rd. to Franklin St. - S. of 426			2.3	LAR	-	-	2,000,000	-	-
Cross Seminole Trail N. from Gardenia Ave. to Wade St.			3.6	LAR	-	2,000,000	-	-	-
Cross Seminole Trail South I from Seminole/Orange Co. Line to Mikler Rd.			0.0	CST LAR	1,200,000 -	- 1,050,000	- -	- -	- -
Cross Seminole Trail South II from Mikler Rd. to Red Bug Lake Rd.			0.0	CST	-	1,100,000	-	-	-
I-4 from Orange Co. Line to Volusia Co. Line			14.135	PDE	202,907	-	-	-	-
I-4 from Orange Co. Line to .25 Mile N. of Central Pkwy.			2.5	PE	8,477,000	-	-	-	-
I-4 from W. of Lake Mary Blvd. to W. of SR 15/600 US 17/92			5.983	CST	14,961	-	-	-	-
I-4 from .25Mile N. Central Pkw. to 1.0 Mile N. of SR 434			2.0	PE	5,800,000	-	-	-	-
I-4 Interchange at SR 46			0.4	ROW ENV	- -	- 474,364	- -	- -	21,522,200 -
I-4 Interchange at SR 15/600 US 17/92 Reconstruct E/B Exit Ramp			1.208	PE ROW RRU CST CI CS	22,262 1,621,563 1,245,000 16,090,000 - 2,677,356	- - 300,000 - - -	- - - - 650,000 -	- - - - - -	- - - - - -
Kewannee Trail from Wilshire Blvd. to Brittany Court			0.0	PE CST	- -	- -	- -	250,000 -	- 1,000,000
Seminole Weikiva Ped. Bridge - Markham Woods Rd. to SR 434			5.0	CST LAR	- 310,975	1,819,025 1,819,025	- -	- -	- -
SR 15/600 (US 17/92) from Orange Co. Line to Lake of the Woods Blvd.	6	6	1.042	CST LAR	8,000,000 -	- -	- 1,200,000	- 8,000,000	- -
SR 15/600 (US 17/92) from Shepard Rd. to Lake Mary Blvd.	4	6	3.7	PDE PE ROW	965,000 - -	- 4,015,000 -	- - -	- - 908,700	- - 12,714,800
SR 15/600 (US 17/92) Interchange at SR 436			0.5	PDE PE	6,324 4,025,000	- -	- -	- -	- -





# Vision 2020 Comprehensive Plan Seminole County, Florida

ROADWAY SEGMENT	IMPROVEMENTS				ESTIMATED ANNUAL COSTS (\$)				
	Widen		Length (Miles)	Proj Phs	Fiscal Years				
	Fr	To			2005/06	2006/07	2007/08	2008/09	2009/10
SR 415 from SR 46 to Volusia Co. Line	2	4	0.897	PE	1,515,226	-	-	-	-
				ROW	-	120,000	409,750	1,090,400	477,100
				ENV	-	184,888	-	-	-
SR 417 Extension from SR 417 to International Pkwy. - New 4 Lane Expressway	0	4	0.1	PDE	3,313	-	-	-	-
				PE	-	1,210,000	-	-	-
				CST	-	-	-	-	9,719,781
				CS	-	-	-	-	1,301,614
SR 426 from Mitchell Hammock Rd. to Pine St.	2	4	0.95	PE	158,293	-	-	-	-
				ROW	2,005,781	-	-	-	-
				RRU	345,000	4,050,000	-	-	-
				CST	-	6,358,277	-	-	-
				CI	-	-	550,000	-	-
				CS	-	887,913	-	-	-
SR 426 Aloma Ave. from Eastern Beltway to Mitchell Hammock Rd.			3.3	ROW	673,500	-	-	-	-
SR 426/CR 419 from Pine St. to Lockwood Blvd.			3.0	PDE	762	-	-	-	-
SR 434 from I-4 to Rangeline Rd.			1.787	PE	25,000	-	-	-	-
SR 434 from McCulloch Rd. W. of Mitchell Hammock Rd.	2	6	3.216	ROW	2,023,987	-	-	-	-
				RRU	1,015,352	-	-	-	-
				CST	4,952	-	-	-	-
SR 434 from SR 414 (Maitland Blvd.) to SR 436	4	6	2.228	RRU	400,000	-	-	-	-
				CST	12,095,591	-	-	-	-
				CS	979,110	-	-	-	-
SR 436 Intersections from Willshire Blvd. to Lake Howell Rd.			0.979	PE	25,000	-	-	-	-
SR 46 from Lake Co. Line to Orange Blvd.	2	4	4.943	PDE	800,000	-	-	-	-
SR 46 from Mellonville Ave. to SR 415	2	4	2.638	PE	-	2,860,000	-	-	-
SR 46 from SR 15/600 US 17/92 to E. of SR 415			3.8	PDE	62,781	-	-	-	-
SR 46 Lake Jesup BR #770004 E. of Sanford			1.68	PDE	19,442	-	-	-	-
				PE	231,375	150,000	-	-	-
				ROW	2,899,455	1,988,571	-	-	-
				ENV	154,509	-	-	-	-
				DB	-	55,115,273	-	-	-
SR 46 Gateway Sidewalk from Town Center Blvd. to Airport Blvd.			2.198	PE	200,000	-	-	-	-
				CST	-	1,750,000	-	-	-
Greeneway (SR 417) E. of Old Lake Mary Blvd. to 2157' E. of Rinehart Rd.	0	4	2.661	AD	2,481,652	2,481,652	2,481,652	2,481,652	2,481,652





# Vision 2020 Comprehensive Plan Seminole County, Florida

ROADWAY SEGMENT	IMPROVEMENTS				ESTIMATED ANNUAL COSTS (\$)				
	Widen		Length (Miles)	Proj Phs	Fiscal Years				
	Fr	To			2005/06	2006/07	2007/08	2008/09	2009/10
I-4 Interchange at Greeneway/SR 417			1.039	CST CS	222,180 1,381,515	- -	- -	- -	- -
Widen Seminole Xway (SR 417) from Orange County Line to SR 434	4	6	6.4	PDE PE	1,750,000 500	- -	- 9,000,000	- -	- -
<b>TOTALS</b>					<b>90,132,624</b>	<b>91,733,988</b>	<b>16,291,402</b>	<b>12,730,752</b>	<b>49,217,147</b>

### PROJECT PHASES (Proj Ph)

CST - Construction phase

ENV - Environmental Work

INC - Construction Bonus Phase

LAR - Local Advance

Reimbursement Funding

PDE - Project Development &

PE - Preliminary Engineering  
phase

ROW - Right of Way phase

RRU - Railroad or Utilities Work

CI - Contract Incentives

CS - Construction Support

DB - Design Build

AD - Administration





# Vision 2020 Comprehensive Plan Seminole County, Florida

## FDOT ADOPTED FIVE YEAR IMPROVEMENT PLAN - MAJOR CAPITAL PROJECTS ORLANDO - SANFORD INTERNATIONAL AIRPORT Fiscal Years 2005/06 - 2009/10

IMPROVEMENTS	FUNDING	2005/06	2006/07	2007/08	2008/09	2009/10
Reconst/repair/overlay Taxiway	Capital Fdg		3,675,000			
Construct/extend Apron	Capital Fdg	3,150,000				
Const/expand Terminal Facility	Capital Fdg			4,000,000		
Airport Land Acquisition	Capital Fdg	6,300,000				
Construct/extend Runway	Capital Fdg	275,000	4,000,000			
Reconst/repair/overlay Runway	Capital Fdg			4,400,000		
Const/expand/overlay Auto Park	Capital Fdg				5,000,000	5,000,000
Far Part 150 Noise Study	Capital Fdg	3,000,000				
Reconst/repair/overlay Runway	Capital Fdg		3,150,000			
Const/expand/overlay Auto Park	Capital Fdg	4,400,000	2,500,000			
Const/expand/overlay Auto Park	Capital Fdg		3,000,000			
Construct/extend Runway	Capital Fdg				6,000,000	
Construct/extend Airport Road	Capital Fdg					3,889,333
Reconst/repair/overlay Taxiway	Capital Fdg			3,888,888		
<b>TOTALS</b>		<b>17,125,000</b>	<b>16,325,000</b>	<b>12,288,888</b>	<b>11,000,000</b>	<b>8,889,333</b>

This list contains those major capital projects from the Five Year Work Program that are funded over \$3,000,000.





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