

# CAPITAL IMPROVEMENTS ELEMENT Data, Inventory & Analysis 2030 Planning Horizon

### TABLE OF CONTENTS

CAPITAL IMPROVEMENTS ELEMENT	1
INTRODUCTION	1
FACILITY PROGRAM DESCRIPTION	1
FACILITY LEVEL OF SERVICE	2
Design Storms and Pollution Abatement Level of Service Standards	. 2
Maximum Number of Through Lanes	. 3
Transitioning Urbanized Areas Minimum Operating Level of Service Standards	. 3
Potable Water Levels of Service	. 4
Sanitary Sewer Levels of Service	. 4
Solid Waste Level of Service	. 5
Recreation Levels of Service	. 5
Public School Facilities Levels of Service	. 5
SUMMARY OF POLICIES, PROGRAMS & CAPITAL IMPROVEMENTS WITH COST IMPACTS	6
Five Year Capital Improvements Schedule for Transportation Facilities	. 7
Five Year Capital Improvements Schedule for Stormwater	16
Five Year Capital Improvements Schedule for Solid Waste	17
Five Year Capital Improvements Schedule for Parks and Recreation Facilities	19
Five Year Capital Improvements Schedule for Public School Facilities	23
Geographic Service Areas of Public Education Facilities	26
Geographic Service Areas and Location of Public Health Systems	26
General Fund	35
Special Revenue Funds	36
Grant Funds	38
Debt Service Funds	38
Proprietary Funds	39
Capital Projects Funds	39
Trust and Agency Funds	40
SUMMARY OF DEBT OBLIGATIONS	10

#### LIST OF TABLES

Table 1 — Facility Level of Service (All Facilities)	. 2
Table 2 — Lake County Stormwater Quantity and Quality Criteria	. <b>2</b>
Table 3 — Rural Areas Minimum Operating Level of Service Standards	. 3
Table 4 - Transitioning Urbanized Areas Minimum Operating Level of Service Standards	. 4
Table 5 — Urbanized Areas Minimum Operating Level of Service Standards	. 4
Table 6 — 2008-2009 Summary of Capital Improvements by Category and Funding Source	. 6
Table 7 - Five Year Capital Improvements Schedule of Transportation Projects	. 7
Table 8 - Five Year Capital Improvements Schedule for Stormwater	16
Table 9 - Five Year Capital Improvements Schedule for Solid Waste	18
Table 10 - Five Year Capital Improvements Schedule for Parks and Recreation Facilities	19
Table 11 - Five Year Capital Improvements Schedule for Public School Facilities FY 2009 through 2013	23
Table 12 - Summary of Debt Obligations	41

#### LIST OF FIGURES

Figure 1 — Maximum Lane Constrained Corridors	I
Figure 2 — Urban, Transitioning and Rural Areas	8
Figure 3 — Elementary School Attendance Zones	9
Figure 4 — Middle School Attendance Zones	0
Figure 5 — Lake County High School Attendance Zones	1
Figure 6 — Lake County School Concurrency Service Areas	2
Figure 7 — Lake County Public School FY 2010-2014 Work Plan	3
Figure 8 —Lake County Public Health Facilities (Hospitals and Emergency Management Stations)	4

#### INTRODUCTION

The purpose of the Capital Improvements Element (CIE) is to adopt a five-year, financially feasible schedule of capital improvements for each Category A public facility. Category A facilities are those for which a level of service (LOS) must be established for concurrency determination, as mandated by Chapter 163, Florida Statutes. These facilities include roadways, sanitary sewer, stormwater, potable water, solid waste, parks and recreation facilities, and public schools. The County shall ensure that potable water and sanitary sewer services provided in unincorporated Lake County by providers other than the County meet the appropriate level of service. The improvements described in this element address the maintenance of adopted Level of Service Standards and the achievement of adopted element policies and program goals. An annual update is required by Chapter 9J-5, Florida Administrative Code. 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.

Lake County's Comprehensive Plan is comprised of the elements required in Rule 9J-5, Florida Administrative Code, as well as one optional element (Economic). Other optional elements, *Public Safety* and *Libraries*, may be addressed in a future update to the Comprehensive Plan. 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.

#### Elements with Adopted Level of Service Standards

- Stormwater Drainage
- Potable Water
- Recreation & Open Space
- Sanitary Sewer
- Solid Waste
- Transportation
- Public School Facilities

#### FACILITY PROGRAM DESCRIPTION

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.

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.

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), funding 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.

#### FACILITY LEVEL OF SERVICE

Table 1 – Facility Level of Service (All Facilities)

PLAN ELEMENT	FACILITY TYPE	SERVICE AREA	ADOPTED LEVEL OF SERVICE		
Transportation	County Arterial & Collector Roads 2-lane, 4-lane, 6- lane	Varies by Character: Rural, Urban, Mixed Use, Commercial & Residential Neighborhoods	Daily/Peak Hour		
	State Roads	Countywide	Per Transportation Element (FIHS per FDOT LOS Criteria Tables)		
Parks & Recreation		Countywide	4 acres per 1,000 Residents		
Solid Waste	County Landfill	Countywide	The base LOS is -1-1: 1 day per week garbage pickup and 1 day per week recycling pickup.		
Potable Water	NA	NA	County does not provide potable water service		
Sanitary Sewer	NA	NA	County does not provide sewer service		
Stormwater	Drainage	Countywide	Varies by type of basin and facility		
Public Schools	School	Concurrency Service Area	Based on Core Dining Capacity		

#### **Design Storms and Pollution Abatement Level of Service Standards**

Lake County has adopted the following minimum level of service standards for design storms and pollution abatement level of service standards:

Table 2 – Lake County Stormwater Quantity and Quality Criteria

FACILITY	FREQUENCY & DURATION
Bridges (not located on principal arterials or evacuation routes)	50 years, 24 hours
Principal arterial bridges and evacuation routes	100 years, 24 hours
Canals, ditches, swales or culverts for drainage external to the development	25 years, 24 hours
Canals, ditches, swales or culverts for drainage internal to the development	10 years, 24 hours
Detention and retention basins contributory to land-locked areas with no positive outlet	25 years, 96 hours
Detention/retention structures with a positive outlet	25 years, 24 hours Mean Annual Storm
Habitable Structures first floor elevation must be, at a minimum, 18 inches	100 years, 24 hours

FACILITY	FREQUENCY & DURATION
above the 100-year flood elevation	
Storm sewers	10- year storm

- Design storm based on 24 hour minimum.
- Pollution abatement shall be accomplished by requiring stormwater management systems to retain or detain with filtration, the first one-half inch of run-off from developed sites, or the run-off generated from the first inch of rainfall on developed sites, whichever is greater.
- Lake County shall require a retention/detention system that limits peak discharge of a developed site to the discharge from the site in an undeveloped condition during a 24 hour/25 year frequency storm event.
- Prior to development approval, Lake County shall require projects to receive appropriate permits from State agencies to comply with the rules and regulations for stormwater facility design, performance and discharge.
- Discharged stormwater run-off shall not degrade receiving surface water bodies below the minimum conditions as established by State water quality standards (17-302 and 17-40.420, FAC).

#### Maximum Number of Through Lanes

The adopted maximum numbers of through lanes for specific roadways of concern are depicted on the Maximum Lane Constrained Corridors Map, as adopted by the Lake Sumter MPO on September 23, 2009 (Figure 1).

#### Transitioning Urbanized Areas Minimum Operating Level of Service Standards

Consistent with the Florida Department of Transportation Quality/Level of Service Handbook, Lake County has adopted the Area Types for Highways and Roads in Lake County as depicted on the Urban, Transitioning and Rural Areas Map as adopted by the Lake Sumter MPO on September 23, 2009 (Figure 2).

The Minimum Operating Level of Service Standards are depicted on the charts below:

ROAD CLASSIFICATION		PEAK HOUR MINIMUM LEVEL OF SERVICE		
Strategic Intermodal System (SIS) / Florida Intrastate Highway System (FIHS)		В		
Transportation Regional Incentive	Other Multilane	В		
Program (TRIP)	Two-Lane	C		
County Arterials		C		
State Arterials		C		
Collectors		C		
Local		С		

#### Table 3 - Rural Areas Minimum Operating Level of Service Standards

ROAD CLASSIFICATI	PEAK HOUR MINIMUM LEVEL OF SERVICE	
Strategic Intermodal System (SIS) / Florida Intrastate Highway System (FIHS)		С
Transportation Regional Incentive	Other Multilane	C
Program (TRIP)	Two-Lane	C
County Arterials		D
State Arterials		D
Collectors		D
Local		D

#### Table 4 - Transitioning Urbanized Areas minimum Operating Level of Service Standards

#### Table 5 - Urbanized Areas Minimum Operating Level of Service Standards

ROAD CLASSIFICAT	PEAK HOUR MINIMUM LEVEL OF SERVICE	
Strategic Intermodal System (SIS) / Florida Intrastate Highway System (FIHS)		С
Transportation Regional Incentive	Other Multilane	D
Program (TRIP)	Two-Lane	D
County Arterials		D
State Arterials		D
Collectors		D
Local		D

#### Potable Water Levels of Service

The level of service for potable water supplied by a municipality in Lake County to unincorporated Lake County shall be the same as the level of service within the municipality. The level of service for potable water supplied by a private provider in unincorporated Lake County shall be the minimum design and operating standards as established by the authorized federal, state, regional, water management district, and local regulatory agencies. Lake County shall require, at a minimum, all potable water to be produced, treated, stored and distributed in accordance with all federal, state, regional and local requirements.

#### Sanitary Sewer Levels of Service

The level of service for sanitary sewer supplied by a municipality in Lake County to unincorporated Lake County shall be the same as the level of service within the municipality. The level of service for sanitary sewer supplied by a private provider in unincorporated Lake County shall be the minimum design and operating standards as established by the authorized federal, state, regional, water management district, and local regulatory agencies.

#### Solid Waste Level of Service

The County's adopted level of service for its solid waste disposal facilities shall be as directed in the Solid Waste Sub-Element. The base level of service is 1-1: one (1) day per week garbage pickup, and one (1) day per week recycling pickup.

#### **Recreation Levels of Service**

The level of service standard for recreation shall be as established in the Parks and Recreation sub-element and is four (4) acres per 1,000 residents.

#### Public School Facilities Levels of Service

The level of service is defined as school enrollment as a percentage of school student capacity based upon the Florida Inventory of School Houses (FISH). The LOS standard is the maximum level of school utilization that will be permitted in the Lake County School District. The LOS shall be established for all school types within the Lake County School District as: 100% of permanent FISH capacity. If core dining capacity is available in excess of FISH capacity, the school capacity shall be increased up to 125% of FISH capacity by adding seats located in temporary student stations so long as the total capacity does not exceed core dining capacity.

#### SUMMARY OF POLICIES, PROGRAMS & CAPITAL IMPROVEMENTS WITH COST IMPACTS

Summary of Capital Improvements by	Fund FY 2009-10
Fund/Division	Total
Countywide Funds	
General	2,000,000
County Transportation	505,165
Total Countywide Funds	2,505,165
Special Revenue Fund	S
Parks Impact Fee Trust - Central District	7,410
Parks Impact Fee Trust - North District	17,385
Parks Impact Fee Trust - South District	12,825
Road Impact Fees - District 1	1,940,000
Road Impact Fees - District 2	9,378,223
Road Impact Fees - District 3	9,162,000
Road Impact Fees - District 4	1,209,284
Road Impact Fees - District 5	1,446,002
Road Impact Fees - District 6	4,090,000
MSTU - Stormwater Section	1,005,000
MSTU - Parks Section	288,379
MSTU - Roads Section	1,656,189
Federal/State Grants	8,391,660
Restricted Local Programs	115,000
Fire Services Impact Fee Trust	200,000
Total Special Revenue Funds	38,919,357
Grant Funds	
Community Development Block Grant	175,000
Total Grant Funds	175,000
Enterprise Funds	
S W Closures and L T Care	262,886
Total Enterprise Funds	262,886
Total Operating Budget	41,862,408
Capital Projects Fund	S
Parks Capital Projects	849,038
Renewal Sales Tax Capital Projects	7,917,919
Public Lands Capital Projects	1,000,000
Facilities Expansion Capital	43,402,500
Total Capital Projects Funds	53,169,457
Total Non-operating Budget	53,169,457
Total Capital Improvement Program	95,031,865

#### Table 3 – 2009-2010 Summary of Capital Improvements by Category and Funding Source

#### Five Year Capital Improvements Schedule for Transportation Facilities

Lake County is located within the Lake-Sumter Metropolitan Planning Organization (LSMPO) boundary. Therefore, the County is required by the State to adopt a Transportation Element in lieu of three separate sub-elements: traffic circulation, mass transit, and aviation and rail. The purpose of the Transportation Element is to plan for a multi-modal transportation system that emphasizes accessibility. The Lake County transportation planning process is a collaborative effort among various federal, state, regional, county, and municipal agencies working in close concert with the LSMPO. The LSMPO ensures that highways and roads, public transit, pedestrian, bicycle, and other transportation facilities are coordinated and planned with consistency.

Lake County adopted the Lake County 2025 Long Range Transportation Plan (LRTP) on December 14, 2005; it was completed for Lake County by Tindale-Oliver and Associates. This plan contains an extensive analysis of roadway, bicycle, and pedestrian transportation issues, as well as land use and other factors that determine existing and future needs. The result of the plan is a comprehensive schedule of roadway, bicycle, transit, and pedestrian projects designed to meet the existing and future needs of Lake County, to the greatest extent feasible. Much of the information provided in that report is included in the Transportation Element.

The Lake-Sumter Metropolitan Planning Organization (LSMPO) wrote the 2025 LRTP based on population and employment projections, and the projected development pattern out to 2025. Based on these projections, the LSMPO and Lake County can enact the strategies and projects needed to ensure that Lake County will meet its transportation goals for the next twenty years. The LSMPO and Lake County have worked closely so that there is consistency between The Transportation Element and the 2025 Long Range Transportation Plan. Currently, the 2025 LRTP is being updated to a 2035 planning period.

TRANSPORTATION Project Name & Scope	Project Number	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Five Year Total
42 From Marion County Road to Maggie Jones Road C-8190	Construct paved shoulders, FM #416988	Federal/ State Grants	\$ 1,350,000 DSN CST					\$1,350,000
44 Intersection with C-19A	Construct turn Ianes, FM #422419	Federal/ State Grants	\$ 347,000 CST					\$ 347,000
Mount Homer Road C-4956 Intersection with David Walker Drive C-4756	Construct westbound left turn lane and install signal, FM #423967	Federal/ State Grants	\$ 260,000 CST					\$ 260,000

TRANSPORTATION Project Name & Scope	Project Number	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Five Year Total
South Lake Trail, Section 1 from Clermont Trail to Groveland Park		Federal/ State Grants	\$1,000,000 ROW					\$1,000,000
19A from Dodson Cutoff C-4460 to Azalea Drive C-4461B	Mill and resurface, FM #426312	Federal/ State Grants	\$ 19,000 CST					\$ 19,000
42 from Holmes View Drive to West Fourth Street	Mill and resurface, FM #426314	Federal/ State Grants	\$ 783,000 CST					\$ 783,000
448 from Lake Industrial Blvd C- 3349 to Grand Oak Lane	Resurface, FM #426313	Federal/ State Grants	\$ 265,000 CST					\$ 265,000
455 from SR-19 to CR-561	Mill and resurface, FM #426261	Federal/State Grants	\$ 429,000 CST					\$ 429,000
466A (Miller Street) from Cutoff Road C-5704 to US-27/441	Resurface and sidewalk improvements, FM #426302	Federal/State Grants	\$ 178,000 CST					\$ 178,000
474 from SR-33 to US-27	Mill and resurface, FM #426262	Federal/State Grants	\$2,867,000 CST					\$2,867,000
Eagles Nest Road C-6611 from Grays Airport Road C-7310 to Ridge Road C- 6511C	Mill and resurface, FM #426315	Federal/State Grants	\$ 242,000 CST					\$ 242,000
Goose Prairie Road C-6737 from Emeralda Island Road C-7528 to CR-452	Resurface, FM #426316	Federal/State Grants	\$ 205,000 CST					\$ 205,000
Lake Griffin Road C-7611 from Lemon Street C- 7405 to Grays Airport Road C- 7310	Mill and resurface, FM #426259	Federal/State Grants	\$ 267,000 CST					\$267,000

TRANSPORTATION Project Name & Scope	Project Number	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Five Year Total
Lakeshore Drive C-1040 from Preston Cove Road C-0938C to King Fisher Drive	Mill and resurface, FM #426300	Federal/State Grants	\$ 20,000 CST					\$ 20,000
42 Intersection with SR-19	Intersection and	Road Impact Fees Benefit District 1	\$1,940,000 ROW CST					\$1,940,000
437 Intersection with Wolf Branch Road C-4583	intersection and	Road Impact Fees Benefit District 2	\$ 967,000 DSN ROW CST					\$ 967,000
441 Old (Alfred Street) from SR- 19 to Dora Ave. C-4554 (C-19A)	(completed in	Road Impact Fees Benefit District 2	\$1,000,000 DSN ROW	\$ 2,800,000 CST				\$3,800,000
441 Old (Helm Road) from Bay road C-4260 to North McDonald Street	(completed in	Road Impact Fees Benefit District 2			\$ 500,000 DSN			\$ 500,000
441 Old Intersection with C-46	Intersection	Road Impact Fees Benefit District 2	\$ 450,000 DSN ROW CST					\$ 450,000
441 Old Intersection with Lakeshore Drive C-452	Intersection	Road Impact Fees Benefit District 2			\$ 60,000 ROW			\$ 60,000
448 Intersection with Lois Drive C-3259	lanes, improve	Road Impact Fees Benefit District 2	\$ 700,000 CST					\$ 700,000
Britt Road C-4981 from Wolf Branch Road C-4583 to SR-44	gutter urban	Road Impact Fees Benefit District 2	\$ 400,000 ROW	\$ 350,000 ROW	\$ 350,000 ROW			\$1,100,000

TRANSPORTATION Project Name & Scope	Project Number	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Five Year Total
Buckhill Road, North C-2739 from Lakeshore Blvd to Bald Eagle Drive	Pave	Road Impact Fees Benefit District 2	\$ 100,000 CST					\$ 100,000
Round Lake Road C-4183 Extension from Wolf Branch Road C-4583 to SR-44	Project Development & Environment Study to construct new road	Road Impact Fees Benefit District 2			\$ 350,000 PD&E			\$ 350,000
SR-19 Corridor Study	Corridor Study of SR-19 intersections (CR-450E, CR-450W, CR-450A, Mills Street C-7264)			\$ 100,000 DSN				\$ 100,000
SR-44 (formerly C-44B) from US-441 to C-44 (Orange Ave. C- 6068)	participation with	Road Impact Fees Benefit District 2					\$2,000,000 CST	\$2,000,000
25A (Dixie Ave) from Fruitland Street to Miller Street/C-466A	Improve drainage, construct sidewalk, install signal at Berckman Street					\$ 250,000 ROW		\$ 250,000
25A (Dixie Ave) from C-466A to US-441	Widen to 24' construct sidewalk, and intersection improvements	Road Impact Fees Benefit District 3				\$ 250,000 ROW		\$ 250,000
44 Intersection with C-44 (Leg A)	Realign, construct turn lanes on C-44, C-44 (Leg A) & Shady Acres Road C-5124	District 3	\$ 600,000 DSN CST					\$ 600,000
466A (Miller Street) from Sumter County to US-27/441	Widen to 4-lane with paved shoulders and improve intersection	Road Impact Fees Benefit District 3	\$3,000,000 ROW	\$2,500,000 ROW	\$ 500,000 ROW			\$6,000,000

TRANSPORTATION Project Name & Scope	Project Number	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Five Year Total
470 from Sumter County to C- 33/C-48	Widen to 4-lane	Road Impact Fees Benefit District 3	\$ 250,000 ROW	\$ 150,000 ROW				\$ 400,000
473 from 5-lane section to C-44	Project Development & Environment Study	Road Impact Fees Benefit District 3				\$ 200,000 PD&E		\$ 200,000
473 Intersection with Treadway School Road C-5335	Improve intersection	Road Impact Fees Benefit District 3	\$ 550,000 CST					\$ 550,000
Edwards Road C-7009 from US- 27/441 to Gray's Airport Road C-7310	Extend and pave	Road Impact Fees Benefit District 3					\$ 75,000 ROW	\$ 75,000
Lake Ella Road C-6604 from April Hills Blvd. to US-27/441	Realign & improve intersection, add turn lanes, and signalize at US-27	Fees Benefit District 3	\$ 300,000 ROW					\$ 300,000
Northwest Lake County Corridor	Corridor Study for a north-south roadway west side of Fruitland Park, Lady Lake & Leesburg	Fees Benefit District 3					\$ 500,000 COR	\$ 500,000
Radio Road C-5433 from Treadway School Road C-5335 to Jackson Road C-5432	Widen to 2-lane divided, sidewalk, and signal at Treadway School Road	Road Impact Fees Benefit District 3	\$ 400,000 ROW	\$ 600,000 CST				\$1,000,000
Radio Road C-5433 from US- 441 to Treadway School Road C-5335	Widen to 2-lane divided	Road Impact Fees Benefit District 3	\$1,100,000 ROW					\$1,100,000

TRANSPORTATION Project Name & Scope	Project Number	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Five Year Total
470 from Sumter County to C- 33/C-48	Widen to 4-lane	Road Impact Fees Benefit District 4	\$ 250,000 ROW	\$ 1 <i>5</i> 0,000 ROW				\$ 400,000
48 (Part) from C-470/C-33/C-48 to 1,320' E of US-27	Widen to 4-lane	Road Impact Fees Benefit District 4	\$ 250,000 ROW	\$ 1 <i>5</i> 0,000 ROW				\$ 400,000
561 Intersection with US-27	Construct right and dual left turn lanes				\$ 1 <i>5</i> 0,000 DSN ROW			\$ 150,000
Buckhill Road, North C-2739 from Lakeshore Blvd to Bald Eagle Drive	Pave	Road Impact Fees Benefit District 4	\$ 100,000 CST					\$ 100,000
Number Two Road C-3024 from CR-48 to SR-19	Widen and resurface	Road Impact Fees Benefit District 4	\$ 200,000 PE DSN					\$ 200,000
Revels Road, East C-2837 & Lakeshore Blvd from SR-19 to Central Ave	Widen and resurface, int. improvements at E Revels Road	Road Impact Fees Benefit District 4	\$ 100,000 DSN					\$ 100,000
455 Ext (Hartle Road C-1362) from Hartwood Marsh Rd C-0854 to SR-50	lane road, acquire	Road Impact Fees Benefit District 5					\$ 585,000 DSN	\$ 585,000
455 Intersection with Ridgewood Avenue C-1864		Road Impact Fees Benefit District 5		\$ 1 <i>5</i> 0,000 DSN ROW				\$ 1 <i>5</i> 0,000
50 Intersection with C-455		Road Impact Fees Benefit District 5			\$100,000 DSN			\$100,000
50 intersection with Winter Road C-1464	Construct turn lane	Road Impact Fees Benefit District 5			\$170,000 DSN CST			\$ 170,000

TRANSPORTATION Project Name & Scope	Project Number	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Five Year Total
561 Intersection with US-27	Construct right and dual left turn lanes				\$1 <i>5</i> 0,000 DSN ROW			\$ 150,000
Citrus Tower Blvd C-1350 Intersection with Steves Road C-1248		Road Impact Fees Benefit District 5	\$ 120,000 CST					\$ 120,000
Hancock Road C-1254 from Hartwood Marsh Road C-0854 to SR-50		Road Impact Fees Benefit District 5					\$ 100,000 PD&E	\$ 100,000
Hancock Road C-1254 Ext from US-27/Lk Louisa Rd C-0847 to Hartwood Marsh Rd C-0854		Road Impact Fees Benefit District 5				\$ 750,000 ROW		\$ 750,000
Hancock Road, North C-1354 Extension from C-50 to Fosgate Road		Fees Benefit District 5	\$ 310,000 DSN ROW "part"	\$ 500,000 ROW "part"				\$ 810,000
Hartwood Marsh Road C-0854 Ph. I from US-27 to Hancock Road C-1254	4-lane, improve	Road Impact Fees Benefit District 5	\$ 1 <i>5</i> 0,000 ROW					\$ 150,000
Hartwood Marsh Road C-0854 Ph. II from Hancock Road C-1254 to Orange County	Widen to 4-lane	Road Impact Fees Benefit District 5					\$ 50,000 ROW	\$ 50,000
Hooks Street C-1346 Extension Phase IV Seg B from Phase IV Seg A to Sandhill Blvd	Construct new 4- lane road	Funding needed						
Hooks Street Ext. Ph. V from Hancock Road C- 1254 to Jahna Road	Construct new 4- lane urban section, sidewalks and bike lanes	Road Impact Fees Benefit District 5					\$ 50,000 CST "part"	\$ 50,000

TRANSPORTATION Project Name & Scope	Project Number	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Five Year Total
Hooks Street Ext. Ph. VI from Jahna Road to Hartle Road C-1362	Construct new 4- lane urban section, sidewalks and bike lanes	Road Impact Fees Benefit District 5					\$ 50,000 CST "part"	\$ 50,000
Oswalt Road C-0840 from Lakeshore Drive C-1040 to Reagan's Run subdivision	resurface, traffic	Road Impact Fees Benefit District 5			\$ 50,000 DSN			\$ 50,000
SR-50 Reverse Frontage Road from CR-455 to Auto Plex Road	Corridor Study	Road Impact Fees Benefit District 5					\$ 50,000 COR	\$ 50,000
478 (Cherry Lake Road C-1829) from SR-19 to E. Apshawa Road C-2038 & Jalarmy Road C-1838	resurface, improve	District 6				\$ 400,000 DSN		\$ 400,000
565 (Villa City Road C-2215) from Bible Camp Road C-1615 to Simon Brown Road C-2013	Widen to 30' resurface	Road Impact Fees Benefit District 6	\$ 100,000 DSN					\$ 100,000
565A from SR-50 to Lake Minneola Shores C-1733 (C- 561)	resurface	Road Impact Fees Benefit District 6	\$100,000 DSN ROW	\$1,350,000 CST				\$1,450,000
565A (Montevista Road C- 1225) from C-565B (Pine Island Road C- 0926) to SR-50	resurface	Road Impact Fees Benefit District 6		\$ 1 <i>5</i> 0,000 DSN				\$ 1 <i>5</i> 0,000
Apshawa Road, East C-2038 from Cherry Lake Road C-1829 to US-27	curb & gutter	Road Impact Fees Benefit District 6				\$ 650,000 ROW		\$ 650,000

TRANSPORTATION Project Name & Scope	Project Number	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Five Year Total
Bible Camp Road C-1615 from CR-565 to SR-19	Widen to 24', resurface, construct turn lanes at CR-565 and SR-19	Road Impact Fees Benefit District 6	\$ 250,000 ROW	\$ 927,000 CST				\$1,1 <i>77</i> ,000
Mascotte-Empire Road C-1310 from Mt. Pleasant Road C-1412 to Pearl Street	Widen to 24', resurface	Road Impact Fees Benefit District 6	\$ 200,000 DSN	\$ 566,000 CST				\$ 766,000
Mt. Pleasant Road C-1412 from Mascotte-Empire Road C-1310 to SR-50	Widen to 30', resurface	Road Impact Fees Benefit District 6	\$ 250,000 DSN					\$ 250,000
SR-50 from CR-565 to SR-33	Corridor Study through the City of Groveland		\$ 900,000 COR					\$ 900,000
Sunset Avenue and South Sunset Avenue from Mascotte city limit to C-33 (Mascotte)		Road Impact Fees Benefit District 6	\$1,000,000 CST					\$1,000,000
439 from SR-44 to C-44A	Widen to 30' resurface	Renewal Sales Tax Capital Projects – Roads			\$ 250,000 PE			\$ 250,000
445 Bridge #114047	Rehabilitate bridge	Renewal Sales Tax Capital Projects – Roads			\$ 50,000 FE	\$ 250,000 CST		\$ 300,000
448 from C-561 to Apopka Beauclair Canal Bridge #114087	Construct 3' paved shoulder	Renewal Sales Tax Capital Projects – Roads	\$ 400,000 CST					\$ 400,000
455 Howey Heights Curve	Realign	Renewal Sales Tax Capital Projects- Roads		\$ 530,000 ROW CST				\$ 530,000
Lakeshore Drive C-1040 Bridge #114077	Widen, replace bridge, reconstruct bridge approaches	Funding needed						

TRANSPORTATION Project Name & Scope	Project Number	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Five Year Total
Picciola Bridge #114004		Renewal Sales Tax Capital Projects-Roads	\$ 20,000 ROW	\$1,740,000 CST	\$1,260,000 CST			\$3,020,000
Countywide Resurfacing Program	throughout Lake	Renewal Sales Tax Capital Projects – Roads	RSF	\$2,275,000 RSF	\$ 2,297,000 RSF	\$2,320,000 RSF	\$2,343,000 RSF	\$11,487,000
Countywide Sidewalk and Trail Program		Renewal Sales Tax Capital Projects – Roads	CST	\$ 465,000 CST	\$ 460,000 CST	\$ 506,000 CST	\$ 557,000 CST	\$3,639,000
Total all Projects			\$28,592,000	\$15,453,000	\$6,697,000	\$5,576,000	\$6,360,000	\$62,678,000

#### Five Year Capital Improvements Schedule for Stormwater

The following information is presented as 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 Capital Improvements Element schedule of specific basin evaluations, studies, improvement projects, and equipment needs that are listed on the following pages represent the five year capital projects program. One of the primary goals of this program is to reduce system drainage deficiencies over time as allowed by funding. Level of service standards for Stormwater have been adopted for various types of road and development facilities which insure that no further deficiencies are created with new development.

Table 5 - Five Year Capital Improvements Schedule for Stormwater

STORMWATER PROJECT NAME AND DESCRIPTION	Project #	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Five Year Total
Astor Flood Study: Flood study and water quality improvements	37000	MSTU- Stormwater 1230	100,000	100,000	250,000	0	0	450,000
Countywide Aerials: aerial survey	38000	1230	0	150,000	0	0	0	1 <i>5</i> 0,000
East Road: Drainage improvement	34001	1230	0	0	0	50,000	100,000	150,000
Harbor Oaks: Water quality retrofit.	30009	1230	100,000		0	0	0	100,000
Hooks Street		1230	5,000	200,000	395,000			600,000

STORMWATER PROJECT NAME AND DESCRIPTION	Project #	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Five Year Total
Lake Eustis/Lakeshore Drive Retrofit: drainage and water quality improvements	34002	1230	300,000	0	0	0	0	300,000
Lake Eustis/Trout Lake Basin: basin study	30003	1230	0	200,000	200,000	200,000		600,000
Lake Saunders (Lake Dora Basin): flood study	30002	1230	0	200,000	200,000	200,000		600,000
Lake Yale Basin Study: Basin Study for drainage and water quality improvements.	30008	1230	0	100,000	100,000	300,000		500,000
Lower Palatlakaha Basin Study: Basin study from Minneola Outfall to Lake Harris.	30006	1230	300,000	300,000	0	300,000		900,000
<u>Royal Trails Flood Study</u> : Flood study and water quality improvements study.	37003	1230	100,000	200,000	200,000	0	0	500,000
Wolfbanch Road Retrofit: Drainage and water quality improvements.	34004	1230	100,000	200,000		0	0	300,000
Zone A BFE Determination		1230	0	200,000	0	0	0	200,000
Total All Projects			1,005,000	1,850,000	1,345,000	1,050,000	100,000	5,350,000

#### Five Year Capital Improvements Schedule for Solid Waste

The following section addresses the County's Solid Waste Capital Improvements Program. Proper management of solid and hazardous waste is essential to the quality of life enjoyed by Lake County residents. The Capital Improvements Program for solid waste facilities is primarily concerned with the closure of inactive landfills and monitoring requirements.

The Central Phase III Landfill Cells Phase 1 became available for use in the beginning of 2009 and was designed to hold 1.5 million cubic yards of waste. Assuming an average density of 1,200 lbs./cubic yard, this will provide Lake County with 900,000 tons of MSW disposal capacity. The Central Phase III Ash Cell was designed to hold 247,000 cubic yards of ash residue. Assuming an average density of 2,500 lbs./cubic yard, this will provide Lake County with 308,750 tons of incinerator ash disposal capacity. Together, these two initial Central Phase III Landfill Cells will provide a combined disposal capacity of 1,747,000 million cubic yards (or 1,208,750 tons) of waste. Additional land is available and permitted through an FDEP Environmental Resource Permit. The completed build out of the Central Phase III will eventually provide Lake County with a total of 11,500,000 cubic yards of waste disposal capacity. The Central Phase III Landfill Facility design target was for disposal capacity through 2030.

#### Table 6 - Five Year Capital Improvements Schedule for Solid Waste

SOLID WASTE Project Name and Description	Project #	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Five Year Total
Astatula IIB Closure: This landfill opened in 1991, and has a design life of 19 years. The major portion of the closure costs have already been recognized (\$1,941,517), and the remaining funds will be collected over the next three years		Solid Waste Closures and Long Term Care (4220)	144,414	111,342	114,991	80,263	83,247	534,437
Astatula Post Closure: Post closure costs for the long-term care of the Astatula landfill. This landfill was opened in 1972, and post closure care costs should be fully recognized in FY 2026-27.		4220	53,966	52,317	52,394	52,476	52,563	263,716
C and D Landfill Closure: Closure costs for the C and D landfill. This landfill is used for discarded construction and demolition materials generally considered to be not water-soluble and nonhazardous in nature. Closure costs should be fully recognized in FY 2010- 11.		4220	10,533	10,862	14,573	22,042	44,636	102,646
Lady Lake Post Closure: Post closure costs for the long-term care of the Lady Lake landfill. This landfill closed in 2000, and the long-term care costs began in 2001. These costs should be fully recognized in FY 2020-21.		4220	22,055	20,768	20,816	20,868	20,926	105,433
Loghouse Post Closure: Post Closure costs for the long-term care of the Loghouse landfill. Long-term care costs should be fully recognized in FY 2012- 13.		4220	16,247	12,591	12,696	12,855	13,176	67,565
Umatilla Post Closure: Post closure costs for the long-term care of the Umatilla landfill. The long-term care costs for this landfill began in 1995, and should be fully recognized in FY 2015-16.		4220	15,671	13,824	13,882	13,951	14,038	71,366
Total All Projects			262,886	221,704	229,352	202,455	228,766	1,145,163

#### Five Year Capital Improvements Schedule for Parks and Recreation Facilities

Lake County has thirty-seven (38) parks and recreation facilities totaling approximately 926 acres, more than a third of which is contained in the 318-acre P.E.A.R. (Palatlakaha Environmental and Agricultural Reserve) Park. Recently, 196 acres was purchased for the Ferndale Preserve as well as 96 acres for the North Lake Community Park and 49 acres for East Lake Community Park. The majority of the parks owned and operated by Lake County are resource-based with limited development. The County currently has about 368 acres of developed active and passive parks and about 558 acres of undeveloped parks.

PARKS & RECREATION Project Name & Description	Project #	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Five Year Total
Arnold Brothers Boat Ramp Repair and Maintenance, Trash Receptacles, Signage, Benches, Tables, Fencing, Boat Ramp repair and amenities		Boating Improvement (1310) Fish Conservation (1190)	0	0	0	0	0	0
Astor Lions Club Park Installation of Ball Field Lights, Play Equipment, Volleyball Court, Batting Cages, Pavilion, Signage & other park amenities.	40008	MSTU-Parks Section (1231); Parks Capital Projects (3020) Grants	0	50,000	50,000	50,000	50,000	200,000
East Lake Community Park Construction of Recreational Park with Athletic Fields, Playgrounds, Pavilions, Paths, Facilities, and other Park Amenities	40018	MSTU-Parks (1231); Parks Cap. Proj. (3020) Grants	500,000	500,000	500,000	500,000	500,000	2,500,000
Ferndale Preserve Installation of Pavilions, Canoe Launch, Fishing Pier, Observation Towers, Road Network, Hiking, Equestrian and Paved Multipurpose Trails, Landscape, Picnic Tables, Trash Receptacles & other amenities. Also includes Prescribed Burns, Wetland Restoration, Exotic Invasive removal, Fire Line Trail maintenance, and Native Species planting.	40004	Fish Cons. (1190); MSTU- Parks (1231); Parks Impact Fee South District (1083) Grants	50,000	200,000	250,000	300,000	350,000	1,150,000

PARKS & RECREATION Project Name & Description	Project #	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Five Year Total
<u>Ferndale Preserve (Stewardship funds)</u> Public Lands stewardship funds.	40004	General Fund (0010)	0	0	0	0	0	0
Hancock and South Lake Trails Installation of Landscape, Pre-Fab Restrooms, Rest Areas, Signage, Trash receptacles, Benches, Kiosk, Bike Racks, Concrete/asphalt pavement, Exotic Invasive removal and other amenities	40017	Parks Impact Fee South District (1083)	0	10,000	10,000	20,000	30,000	70,000
<u>Haynes Creek Park</u> Installation of Parking Lot, Hiking Trail, Fencing, Landscape, Signage, Kiosk, Picnic Tables, Benches, Grills & Trash Receptacles. Invasive Exotic removal, Fire Line Trail maintenance, Native Species planting and Wetland Restoration.	40010	MSTU-Parks (1231); Parks Cap. Proj. (3020)	0	10,000	10,000	10,000	10,000	40,000
Lake Idamere Park Installation of Pavilions, Multipurpose paved trails, Hiking Trails, Picnic Tables, Benches Grills, Trash Receptacles, Lighting, Miracle Ball field, Softball Field, Exotic Invasive Removal, Prescribed Burns, Fire Line Trail maintenance, and Native Species planting.	40011	Fish Cons. (1190); MSTU- Parks (1231); Parks Cap. Proj. (3020) Grants	100,000	100,000	100,000	100,000	100,000	500,000
Lake Jem Park and Boat Ramp Hiking Trails, Installation of Pre-Fab Restrooms, Pavilions, Landscape, Picnic Tables, Benches, Grills & Trash Receptacles, Exotic Invasive Removal, Wetland Restoration, Fire Line Trail maintenance and Native Species planting.	40005	Fish Cons. (1190); MSTU- Parks (1231); Parks Cap. Proj. (3020) Boating Improvement (1310)	67,750	10,000	20,000	20,000	20,000	137,750

PARKS & RECREATION Project Name & Description	Project #	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Five Year Total
Marsh Park and Boat Ramp Improvements to Parking Lot, Installation of Pre-fab restrooms, Boardwalk/Fishing Pier, Play Equipment, Pavilion, Landscape, Signage, Picnic Tables, Benches, Grills, Trash receptacles & other park amenities. Also includes Wetland Restoration, Exotic Invasive Removal, Fire Line Trail maintenance and Native Species planting.	40013	Fish Cons. (1190); Gen. Fund (0010); Parks Cap. Proj. (3020) Boating Improvement (1310) Grants	67,750	50,000	50,000	50,000	50,000	267,750
North Lake Community Park Construction of Recreational Park with Athletic Fields and Associated Buildings/Facilities, Playground, signage, trash receptacles, benches and other amenities	40002	MSTU-Parks (1231); Parks Cap. Proj. (3020); Parks Impact Fee North District (1082) Grants	483,794	1 <i>5</i> 0,000	150,000	150,000	250,000	1,183,794
P.E.A.R. Park (Palatlakaha <u>Environmental and Agricultural</u> <u>Reserve</u> ) Construction of Road Network, Multi- Purpose Paved Trail, Hiking Trail, Pickleball, Tennis Courts, Pavilions, Landscape, Picnic Tables, Boardwalk, Benches, Grills & other amenities. Also includes Prescribed Burns, Invasive Exotic Plant removal, Fire Line Trail maintenance, Native Species removal and Wetland Restoration.	40006	MSTU-Parks (1231); Parks Cap. Proj. (3020); Parks Impact Fee Central Dist. (1081) Grants	50,000	1 <i>5</i> 0,000	200,000	250,000	300,000	950,000
Paisley Park Installation of Dugouts, Pre-Fab Restrooms, Softball Field, Basketball Courts, Landscape, Pavilions, Signage, Picnic Tables, Benches, Trash Receptacles & other amenities	40014	MSTU-Parks (1231); Parks Cap. Proj. (3020)	0	20,000	20,000	25,000	25,000	90,000

PARKS & RECREATION Project Name & Description	Project #	Funding Source	2009-10	2010-11	2011-12	2012-13	2013-14	Five Year Total
Palatlakaha River Park and Boat Ramp Improvements to Parking lot, Installation of Pre-Fab Restroom, Hiking Trails, Benches, Picnic Tables, Signage, Fencing, Pavilion, Playground. Trash Receptacles & other amenities, Prescribe Burns, Invasive Exotic Removal, Fire Line Trail maintenance and Native Species planting.	40019	MSTU-Parks (1231); Parks Cap. Proj. (3020) Boating Improvement (1310)	10,000	75,000	30,000	40,000	50,000	205,000
Pine Forest Park Construction of Parking Lot, Hiking Trails, Landscape, Prescribed burn, Signage, Picnic Tables, Benches, Trash Receptacles & other park amenities, Ball field, Invasive Exotic Removal, Fire Line Trail maintenance and Native Species planting.	40015	MSTU-Parks (1231); Parks Cap. Proj. (3020)	10,000	30,000	30,000	30,000	30,000	130,000
Public Lands Program Program designed for the acquisition and management of environmental and recreational lands. The lands purchased must fit three main areas of concern: enhancing water resources, protecting environmentally sensitive lands and providing potential recreational lands. Site improvements and amenities are eligible expenses under this program; however recurring operating and maintenance costs are excluded.	10001	Public Lands Capital Program (3710)	187,000	ο	Ο	0	0	187,000
Sorrento Park Renovation of Existing Buildings, Installation of Basketball Court, Paved Paths, Security Lighting, Playground, Picnic Tables, Benches, Trash Receptacles, Signage, Parking Lot, and other amenities.	40016	Parks Capital Projects (3020)	35,000	10,000	10,000	10,000	10,000	75,000
Total All Projects			1,561,294	1,365,000	1,430,000	1,555,000	1,775,000	7,686,294

#### Five Year Capital Improvements Schedule for Public School Facilities

The Lake County Public Schools 5-Year Work Plan has been developed in accordance with the requirements of Florida Department of Education Guidelines. The Work Plan integrates the facilities planning program with the annual capital budgeting and the District's educational programming strategies. Since the mid-1990s, Lake County, its municipalities, and the Lake County School Board have seen many changes in population growth, student demographics, financing structures, and regulations affecting both education and facilities planning. The dramatic population growth between 2000 and 2006, and the resulting rapid escalation in housing prices has been matched by an equally dramatic downturn in the local and national economy in 2007 and 2008 which is expected to continue well into 2010. The student population grew rapidly until 2008, and only leveled off in the 2008-2009 school year, putting stress on the Lake County School District's facilities and causing overcrowding that the District continues working to relieve. In conjunction with general population growth, the Hispanic population grew to 17% of the school population, from just over 5% in 2000, changing the educational face of the District, as did an increase in students from lower socioeconomic backgrounds.

Through 2006, the revenue from property value increases and impact fees from new housing assisted the District in keeping up with the growth in population, and the District was able to open eleven new schools since 1999. However, with the downturn of 2007-2008, and the property tax structure changes approved by Florida voters in 2008, the District's revenue projections have decreased significantly, making it difficult to maintain the level of construction needed to relieve continued overcrowding at some District schools and also to replace aging facilities as they become substandard. The FY2010-14 Facilities Work Plan includes many additions at existing schools during the next five years to address some of the existing and future space needs. Because of the lower growth projections and severe capital constraints to be discussed later in this chapter, the projected need for new schools has changed from the 2008-2012 plan, which called for two new high schools, two middle schools and eight elementary schools. In this atmosphere of change and uncertainty, the District still holds firm to its commitment to provide the facilities required to maintain the level of service required by both the class size reduction and school concurrency legislation passed by Florida voters and the Florida Legislature, respectively.

SCHOOL FACILITIES Project Name	Total	Prior to 2010	FY 2010 -FY 2014	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
enovations/Additions/Replacements								
Cecil Gray MS Replacement	39,000,000	38,206,800	793,200	793,200		0	0	0
Classroom Additions	7,000,000	0	7,000,000	0	0	0	3,500,000	3,500,000
Clermont ES Cafeteria/Addition	8,230,196	0	8,230,196	0	0	1,534,562	6,695,634	
Eustis ES	100,000	100,000		0	0	0		
Eustis Heights Ren/Addition	9,216,114	0	9,216,114	0	0	1,900,000	7,316,114	
Mount Dora MS Addition	8,020,592	0	8,020,592	0	0	1,419,282	6,601,310	
Treadway Addition	7,546,612	0	7,546,612	0	1,397,960	6,148,652		0

#### Table 8 - Five Year Capital Improvements Schedule for Public School Facilities FY 2010 through 2014

SCHOOL FACILITIES Project Name	Total	Prior to 2010	FY 2010 -FY 2014	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Umatilla HS Addition - 9th Grade Center	7,436,939	0	7,436,919	0	0	0	1,000,000	6,436,939
Umatilla MS Ren/Addition	5,786,951	0	5,786,951	0	0	0	5,786,951	
Windy Hill Addition	7,600,000	0	7,600,000	0	0	0	0	7,600,000
Subtotal Renovations/Additions/Replacements	105,363,024		67,056,224	793,200	1,397,960	11,002,496	30,900,009	22,962,559
Site Acquisition								
Land Acquisition	10,000,000	5,000,000	5,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Subtotal Site Acquisition	10,000,000		5,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
New Schools								
Community Coll Partnership HS (DDD) Labs	3,000,000	3,000,000		0	0	0		0
Community College Partnership HS (DDD)	0	0	0	0	0	0	0	0
High School (BBB)	72,475,546	68,400,616	4,074,930	4,074,930	0	0	0	0
Leesburg Relief ES (N)	2,000,000	0	2,000,000	0	0	0	0	2,000,000
Lost Lake Relief ES (L)	2,000,000	0	2,000,000	0	0	0	0	2,000,000
Mount Dora Area ES (J)	28,699,541	28,699,541		0	0	0	0	0
New Groveland Relief ES (Q)	2,000,000	0	2,000,000	0	0	0	0	2,000,000
Treadway Relief ES (P)	2,000,000	0	2,000,000	0	0	0	0	2,000,000
Villages Relief ES (O)	2,000,000	0	2,000,000	0	0	0	0	2,000,000
Subtotal New Schools	114,175,087	0	14,074,930	4,074,930	0	0	0	10,000,000
Portables								
Portable Lease	8,000,000	0	8,000,000	2,000,000	1,900,000	1,700,000	1,200,000	1,200,000
Subtotal Portables	8,000,000	0	8,000,000	2,000,000	1,900,000	1,700,000	1,200,000	1,200,000
Maintenance and Equipment								
Capital School Equipment	1,885,6445	1,350,000	535,645	535,645	0	0	0	0
Computer Lease Program	4,400,000	0	4,400,000	1,600,000	1,000,000	600,000	600,000	600,000
Environmental Projects	750,000	0	750,000	150,000	150,000	150,000	150,000	150,000
Maintenance Projects	16,450,858	3,500,000	12,950,858	1,250,000	1,732,569	2,276,992	3,940,262	3,751,035

SCHOOL FACILITIES Project Name	Total	Prior to 2010	FY 2010 -FY 2014	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
School Buses	9,300,000	2,300,000		1,500,000		1,500,000	1,500,000	2,500,000
Subtotal Maintenance and Equipment	32,786,503	0	25,636,503	5,035,645	2,882,569	4,526,992	6,190,262	7,001,035
Debt Service, Operations and Ancillary Facilities								
Ancillary Use Eustis Lake Hills	250,000	250,000	0	0	0	0	0	0
Ancillary Use Eustis Mascotte	193,800	193,800	0	0	0	0	0	0
Ancillary Use Minneola	150,000	150,000	0	0	0	0	0	0
Debt Service	156,932,500	2,000,000	154,932,500	28,196,500	30,674,500	31,160,500	31,679,000	33,222,000
Facilities Condition Assessment	25,000		25,000	25,000				
Increase to Debt Payment	0	0	0	0	0	0	0	0
Maintenance Transfer to General	15,000,000	0	15,000,000	3,000,000	3,000,000	3,000,000	3,000000	3,000,000
Subtotal Debt Service, Operations &Ancillary Facilities	172,551,300	0	169,957,500	31,221,500	33,674,500	34,160,500	34,679,000	36,222,000
Subtotal	213,337,803		203,594,003	38,257,145	38,457,069	40,387,492	42,069,262	44,423,035
TOTAL PROJECTS	442,875,914		289,725,157	44,125,275	40,855,029	52,389,988	73,969,271	78,385,594

SOURCE: Lake County Schools Five-Year Facilities Master Plan, FY 2010-2014 CAPITAL IMPROVEMENT PROGRAM, September 14, 2009

#### Geographic Service Areas of Public Education Facilities

In keeping with the requirements of 9J-5.016(1)(b), the following five maps are provided depicting the public school facilities attendance zones and the facilities contained therein, as well as concurrency service areas and the Five-Year Facilities Plan.

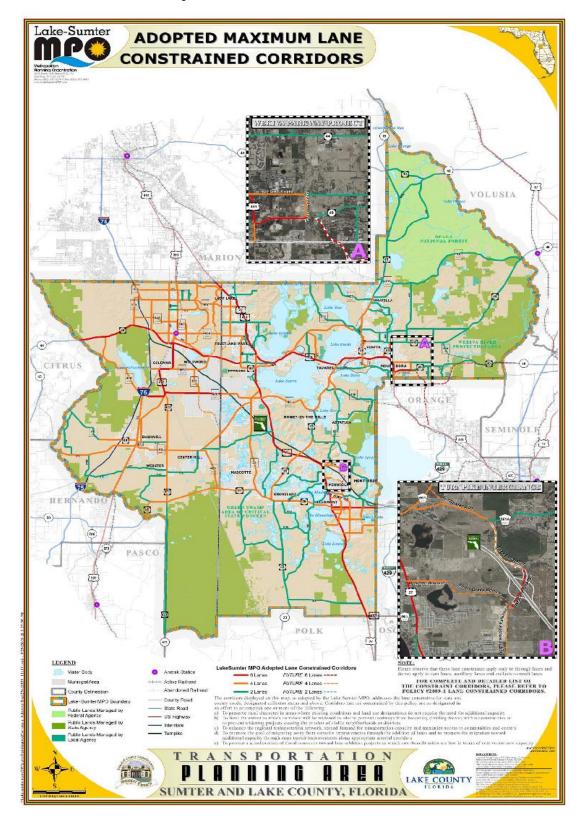
- Figure 3: Elementary School Attendance Zones has 20 named zones/facilities;
- Figure 4: Middle School Attendance Zones has nine named zones/facilities;
- Figure 5: High School Attendance Zones has seven named zones/facilities;
- Figure 6: Concurrency Service Areas; and
- Figure 7: Lake County Public School FY 2010-2014 Work Plan

#### Geographic Service Areas and Location of Public Health Systems

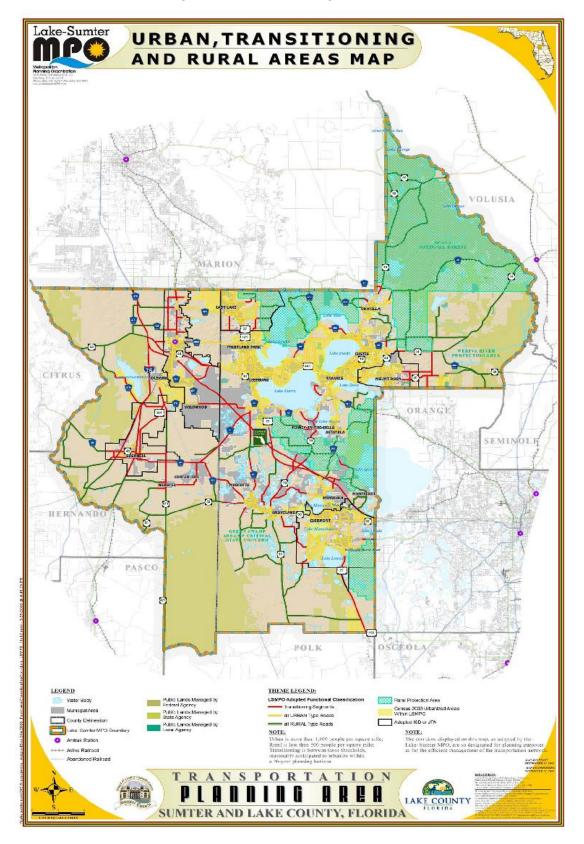
Figure 8 is presented herewith detailing the public health facilities, specifically hospitals and EMS Stations, within Lake County. As shown in Figure 8, there are presently three major hospitals in Lake County:

Leesburg Regional Medical Center; Florida Hospital Waterman; and South Lake Hospital

There are also nineteen EMS Stations located throughout the County.

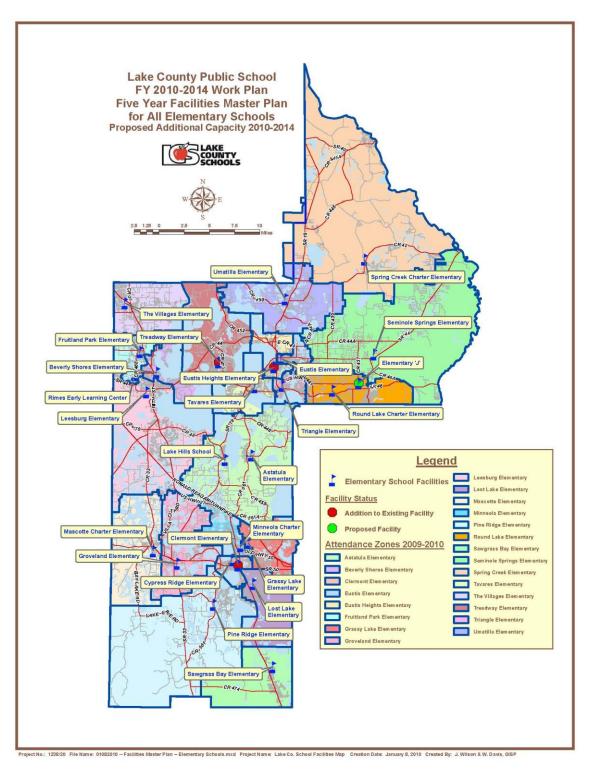


#### Figure 1 — Maximum Lane Constrained Corridors

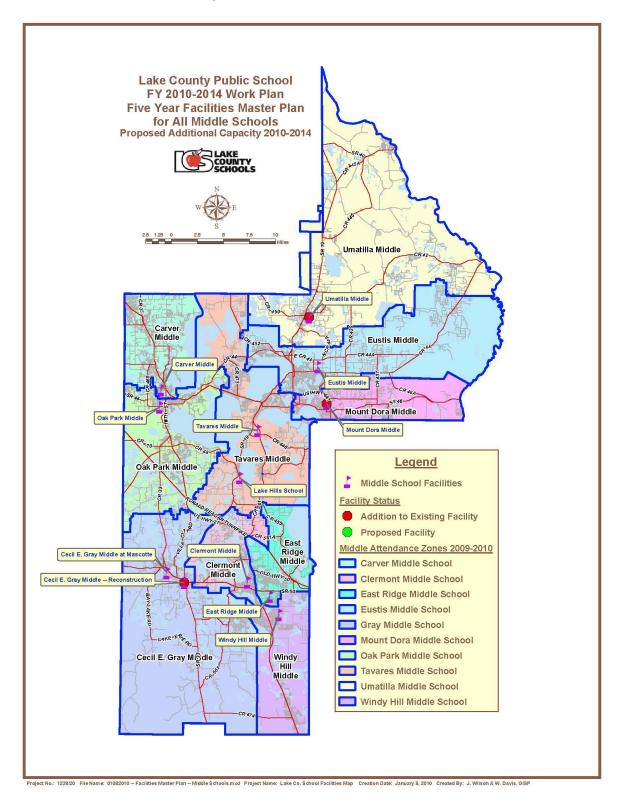


#### Figure 2 - Urban, Transitioning and Rural Areas









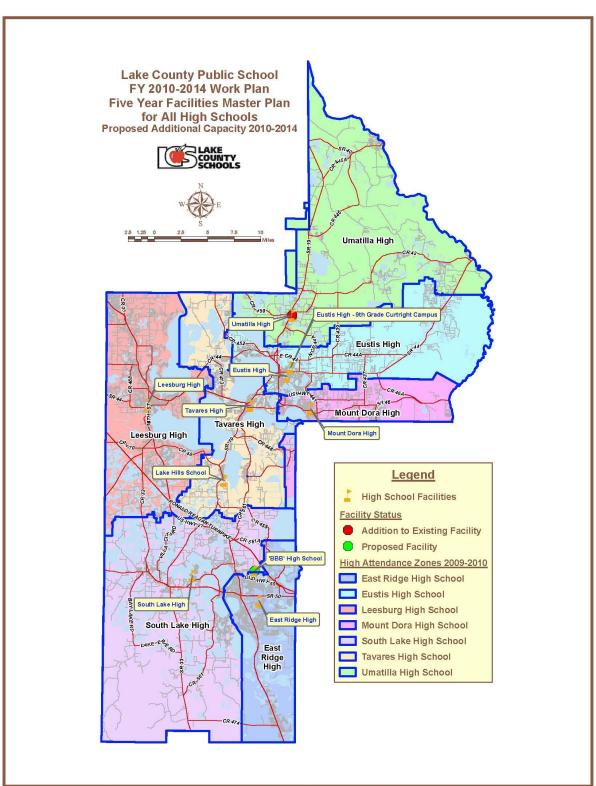


Figure 5 — Lake County High School Attendance Zones

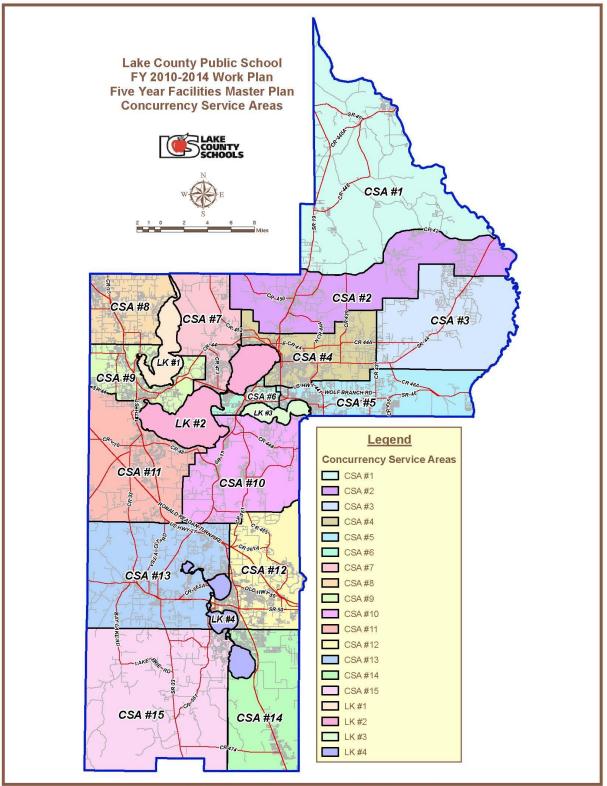
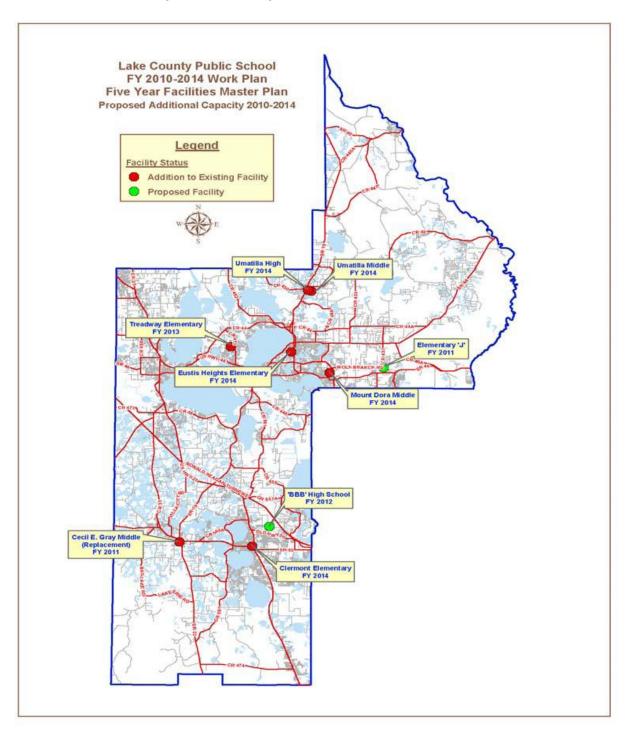


Figure 6 - Lake County School Concurrency Service Areas





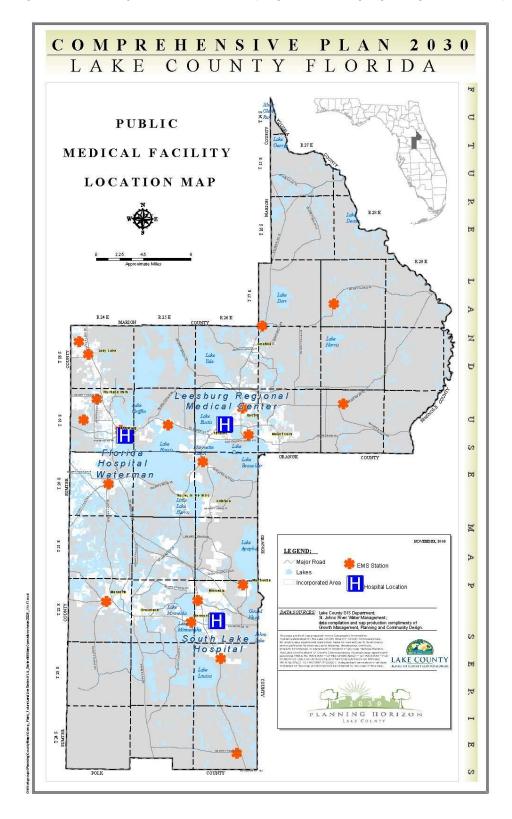


Figure 8 —Lake County Public Health Facilities (Hospitals and Emergency Management Stations)

# Capital Improvements Element requirements of 9J-5.016(1)(c) state "Existing revenue sources and funding mechanisms available for capital improvement financing, such as ad valorem taxes, bonds, state funds, federal funds, gas taxes and impact fees shall be inventoried."

This section is a summary of the various revenues the County receives and any restrictions on their use. The County uses fund accounting to segregate revenues and expenses that are designated for a particular purpose. A fund is a self balancing group of accounts that includes assets, liabilities, equity, revenues and expenses. By using fund accounting, the County can demonstrate compliance with laws and regulations that control the use of particular revenue sources. The following is a description of the various funds of the County by fund type, a description of significant revenues found in each fund and a discussion of any restrictions on the use of these funds.

#### General Fund

The General Fund is the County's primary operating fund. It accounts for all financial resources of the general government, except for those funds required to be accounted for in another fund. The following are the primary revenues of the general fund:

- Ad Valorem Taxes: These are taxes levied on the assessed value (net of exemptions) of real and personal property at a millage rate set by the County. The amount of taxes to be collected is determined by multiplying the millage rate times the assessed value of property within the county. The millage rate for FY 2009-10 is set at 4.6511 mills for the general fund. The assessed value of real and personal property is \$19.1 billion, with estimated tax revenues for FY 2009-10 of \$88.9 million.
- State Sales Tax: This is a distribution of net sales taxes to eligible cities and counties and represents the largest source of state shared revenues. Its primary purpose is to provide relief from ad valorem and utility taxes in addition to providing funds for local programs.
- State Revenue Sharing: These revenues are a distributed by the state from net cigarette taxes and certain sales taxes. There are no restrictions on the use of these revenues except for some statutory limits on the amount that can be pledged for debt.
- Communication Services Tax: This tax is a simplification of the taxes that were charged on telecommunications, cable, and related services prior to October 1, 2001. In Lake County this tax replaces the Cable Franchise Fees that we previously received. These funds may be used for any public purpose including repayment of debt.
- Court Technology Fee: These fees were effective July 1, 2004 with the implementation of Revision 7 to Article V of the state constitution. An additional \$2.00 was added to the cost of recording a document in the public records of the County to be used only for the technology needs of the State Attorney, Public Defender, Courts and Clerk of Courts.
- Interest Income: Pooled cash accounts are maintained for each fund. Excess operating funds are invested in accordance with the County's investment policy. Each fund is then credited with interest earnings based on its average daily cash balance. Interest earnings can be used for any purpose.

**County Transportation Trust Fund:** This fund is used to account for revenues and expenditures incurred to carry on all work on roads and bridges in the County in accordance with Section 336.022, Florida Statutes. Some of the major sources of revenue include:

- Local Option Gas Tax: A county may levy between one to six cents per gallon on motor fuel. Lake County has imposed the maximum of 6 cents. These taxes may be used to fund transportation expenses including public transportation; roadway and right of way operation, maintenance and drainage; street lighting; support services and facilities such as traffic signs, engineering, signalization and pavement markings, bridge maintenance and operation; and debt service.
- 9th Cent Gas Tax: This is another local option gas tax that was adopted by referendum effective January 1, 1983. It is a tax of 1 cent on every net gallon of motor and diesel fuel sold within the county. These proceeds may only be used to fund local transportation expenses.
- Constitutional Gas Tax: This tax is equal to 2 cents per gallon and is distributed by the state based on a formula which takes into account county area, population and collections. The proceeds must be used for the acquisition, construction and maintenance of roads including debt service on bonds issued for these purposes.
- County Gasoline Tax: This tax is levied at the rate of 1 cent per gallon. The intent of the tax is to reduce a county's reliance on ad valorem taxes. These proceeds are allocated using the same formula as the constitutional gas tax. The proceeds are to be used by counties for transportation related expenses including debt service.

Lake County Ambulance Fund: To account for ad valorem tax revenues collected county-wide for the Lake County Municipal Service Taxing Unit for Ambulance and Emergency Medical Services in accordance with Ordinance 2000-35. The millage rate for FY 2009-10 is set at .4651mills, with estimated tax revenues of \$8.9 million.

**County Library System Fund:** To account for the State, Local and County revenues and expenditures received and disbursed on behalf of the County-Wide Library system.

#### Special Revenue Funds

Special revenue funds are used to account for the proceeds of specific revenue sources that are legally restricted to expenditures for specified purposes (other than for major capital projects). The County maintains a number of special revenue funds. A discussion of the more significant funds follows.

Library Impact Fee Trust Fund: The Library Impact Fee Trust fund accrues monies from library impact fees charged against new construction in the county. These funds are allocated for growth-related library construction projects throughout the County.

Park Impact Fee Trust Funds: The Park Impact Fee Trust funds accrue monies from park impact fees charged against new construction in the unincorporated areas of the County. These funds are allocated for growth-related park construction projects in the unincorporated areas of the County.

Christopher C. Ford Commerce Park Fund: To account for revenues (land sales and interest earned) and expenditures during the development of this county-owned property.

**Road Impact Fees Funds:** The Road Impact Fees funds are used to account for capital improvements for roads according to the provisions set forth by County ordinance. Lake County imposes a road impact fee on new development for road improvements necessary to meet

demands generated by new growth and development. Fees are assessed according to a fee schedule structured to take into account specific impacts generated by common land uses. Funds are collected by district and must be spent within that district within a certain time period.

**Stormwater, Park and Roads MSTU Funds:** Ad valorem tax revenues are generated from a .4984 millage rate assessed against real and personal property in the unincorporated areas of the County and support stormwater and drainage projects, park maintenance and improvement programs, and construction of new roads or maintenance of existing roads in the unincorporated areas of the County. Tax revenues for FY 2009-10 total \$5.0 million.

*Emergency 9-1-1 Fund*: To account for revenues and expenditures for Emergency 9-1-1 telephone services in accordance with Section 365.171, Florida Statutes.

**Resort/Development Tax Fund:** This tax is levied on all short-term rentals of 180 days or less. It was first enacted in 1984 at 2%, and was increased to 4% on March 31, 2003. The funds are used for promotion of tourism throughout the County.

**Municipal Service Benefit Unit Funds:** Six municipal service benefit unit funds have been established to account for homeowner assessments which are collected through property tax bills. These funds are used to provide street lighting and/or maintenance of common areas in the affected sub-divisions.

*Law Enforcement Trust Fund:* To account for the proceeds from the sale of confiscated property in accordance with Section 932.7055, Florida Statutes.

**Infrastructure Sales Tax Revenue Fund:** The County's share of the one-cent local option sales tax is collected in this fund and then transferred to other funds for allowable expenditures, including debt service payments on the 800 MHz radio system, road construction projects, park projects, and facility construction and improvements.

Lake County Environmental Recovery Fund: To account for revenues collected as civil penalties and through enforcement actions against violators of Chapters 6 and 9, Land Development Regulations. Monies obtained are to be used to restore the polluted area that was the subject of the violation to its former condition, enhance pollution control activities in Lake County, or purchase pollution control equipment for Lake County in accordance with Chapter 93-344, Laws of Florida.

Lake County Code Enforcement Liens Fund: To account for revenues collected for administrative fines and other noncriminal penalties imposed for the pending or repeated violation of a county ordinance. These revenues are used for the cleanup of county property acquired through code enforcement liens.

**Building Services Fund:** To account for revenues collected for building permit fees, protective inspection fees, contractor license fees, and other administrative fees associated with construction and development in the unincorporated areas of the County. These revenues support the administration and enforcement of building and licensing laws, rules and regulations and building inspection activities.

**County Fire Rescue Fund:** To account for fire assessment and ad valorem tax revenues used to support fire protection and medical response in the unincorporated areas of the County and in the incorporated areas of Astatula, Howey-in-the-Hills, and Lady Lake (excluding The Villages). For FY 2009-10, an ad valorem tax rate of .3222 mills is assessed to property owners in the district to fund medical service activities.

*Fire Services Impact Fee Trust Fund:* Fire impact fees are assessed against new construction in the fire district referenced above, and used for constructing and equipping new fire stations related to growth in the district to support fire protection and medical response activities.

**Employee Benefit Fund:** To account for the collection of commissions received from vending machine sales in County buildings. These funds are used to support activities that improve morale, engender employee spirit of community, or demonstrate collective appreciation for co-workers.

Animal Shelter Sterilization Trust Fund: To account for the receipt and disbursement of contributions to the County Animal Shelter, and from the sale of impounded animals that are not reclaimed by their owners. These funds support the operation of a spay/neuter program in the County.

#### <u>Grant Funds</u>

**Community Development Fund:** To account for the revenues and expenditures in accordance with the Community Development Block Grant from the U.S. Department of Housing and Urban Development, under Title I of the Housing and Community Development Act.

**Public Transportation Fund:** To account for federal, state and local funding for the provision of fixed-route bus service in the County. In addition, Lake County Connection is a state-funded program and provides low-cost transportation services to the transportation disadvantaged residents of Lake County in accordance with Chapter 427, Florida Statutes.

**Affordable Housing Assistance Trust Fund:** To account for revenues received from the State Housing Initiative Partnership Program (SHIP) pursuant to Sections 420.9072 - 420.9079, Florida Statutes. The program assists low and moderate income households in the purchase of a home.

**Section 8 Housing Fund:** To account for revenues and expenditures for housing assistance to qualified persons in accordance with a grant from the U.S. Department of Housing and Urban Development. The program makes rental housing affordable to very low-income families through rental subsidies paid directly to the landlord.

Federal/State Grants Fund: To account for grant revenues and programs that were previously budgeted in the General fund that must be spent for the purposes they are received and accounted for separately.

**Restricted Local Programs Fund:** To account for certain restricted revenues that previously were budgeted in the General fund that must be spent for the purposes they are received and accounted for separately.

#### Debt Service Funds

Four debt service funds totaling \$14,805,905 have been established to repay the principal and interest expenses related to long-term debt on various revenue and general obligation bond issues. In April 2007, the County issued \$34.7 million in general obligation bonds for the purpose of acquiring and improving lands within the County to protect drinking water resources, preserve natural areas, protect open space from overdevelopment, provide parks and trails and improve water quality. The principal, interest and reserve budget for the Public Lands Program Debt Service fund totals \$5,436,125 and is supported by a countywide millage rate of .1101 mills.

The County has sold three other revenue bond/bank issues backed by sales tax revenues, as listed below:

- A \$4.4 million revenue bond issue backed by state sales tax revenues (used to replace racing tax revenues previously distributed by the state) for land acquisition and various park projects and walking and biking trails. The principal, interest and reserve budget for FY 2009-10 totals \$381,684.
- A \$10 million commercial bank loan to help fund the \$34.4 million 800 MHz radio system backed by the County's share of a 1% local option infrastructure sales tax. The principal, interest and reserve budget for FY 2009-10 totals \$1,266,797.
- An \$87.4 million revenue bond issue backed by the County's half-cent sales tax revenues for acquiring, constructing, and equipping the Downtown Tavares Center for Governmental Operations and Judicial Center and other governmental facilities. The principal, interest and reserve budget for FY 2009-10 totals \$7,721,299.

#### Proprietary Funds

The County has two types of proprietary funds, the Landfill Enterprise Fund and the Fleet Maintenance, Insurance, and Administrative Services Internal Service Funds. These fund types use accounting rules similar to that of a business and are structured to measure the results of operations.

Landfill Enterprise Fund –The Landfill Fund is used to account for the operation of the County's active landfills, the activities of a contract with an outside vendor for the operation of an incinerator, water quality operations, and the monitoring of the County's closed landfills. Primary revenues are tipping fees and a special assessment for collection and disposal of solid waste. The special assessment is imposed on residents in the unincorporated area of the county.

**Fleet Maintenance, Insurance, and Administrative Service Funds:** These funds are internal service funds which provide services to other county departments. Charges for services in the internal service funds are recorded as expenses in the other funds. Internal service funds are a method of cost allocation and are not a source of revenue for the County.

#### Capital Projects Funds

Capital projects funds are used to account for the construction of projects that will generally take more than a year to construct. The County has five capital project funds.

Sales Tax Capital Projects are funded by the infrastructure sales surtax reported in the Infrastructure Sales Tax Revenue Fund. Sales tax funds include Parks Capital Projects, Renewal Sales Tax Capital Projects (Facilities), and Renewal Sales Tax Capital Projects (Roads).

The Public Lands Capital Program fund was established to account for the \$34.7 million in general obligation bonds approved by referendum for the acquisition and improvement land to protect drinking water, improve water quality of rivers and lakes, protect open space and provide for recreation areas.

The Facilities Expansion Capital Projects fund was established to account for the \$87.4 million in revenue bonds for acquiring, constructing, and equipping the Downtown Tavares Center for Governmental Operations and the Judicial Center and other governmental facilities. The revenue bonds are backed by the County's half-cent sales tax revenues.

#### Trust and Agency Funds

The County has a number of trust and agency funds which are used to account for funds held on behalf of an individual, agency or another government. These funds are custodial in nature and do not report any revenue or expense.

#### SUMMARY OF DEBT OBLIGATIONS

Various Florida Statutes control the issuance of bonds by the County. Generally, the County may issue bonds for projects which it deems are in its best interest. Such bonds may be authorized by resolution indicating the amount and purpose of the bonds, interest rate, and repayment terms. General obligation bonds require approval by a majority of the voters in the County. These bonds are secured by the full faith and credit of the County, which means there is a pledge of the County's general taxing power for the repayment of the debt.

## Table 9 - Summary of Debt Obligations

Principal and interest payments next five years:	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
General Obligation Bonds					
Limited General Obligation Bonds, Series 2007	<u>2,705,588</u>	<u>2,704,788</u>	<u>2,701,987</u>	<u>2,702,188</u>	<u>2,705,188</u>
Amount of Issue: \$34,720,000					
Amount Outstanding at 9/30/2010:         \$ 27,820,000           Final Maturity:         4/1/2026					
Final Maturity: <u>4/1/2026</u> <u>Pledged Revenue: Ad Valorem Taxes, .33 mills v</u>	oter approved				
<u>rieugeu kevende: Au vuloren ruxes, .55 milis v</u>					
Special Obligation Bonds					
Pari-Mutuel Revenues Replacement Bonds	<u>294,979</u>	295,354	<u>295,366</u>	<u>295,141</u>	<u>294,391</u>
<u>Series 2000</u>					
<u>Amount of Issue:</u> \$ 4,400,000					
Amount Outstanding at 9/30/2010: \$3,545,000					
Final Maturity: <u>10/1/2030</u>	_				
Pledged Revenue: Sales Tax Replace	<u>ment Revenues</u>				
Capital Improvement Revenue Bonds	<u>5,737,345</u>	<u>5,738,345</u>	<u>5,738,405</u>	<u>5,740,780</u>	<u>5,740,600</u>
Series 2007					
Amount of Issue: \$87,455,000					
Amount Outstanding at 9/30/2010: \$84,740,000					
Final Maturity: <u>6/1/2037</u>					
Pledged Revenue: Half Cent Sales Tax					
<u>Commercial Loan:</u>					
<u>Hancock Bank of Florida, Note Payable</u>	<u>1,208,397</u>	<u>1,208,398</u>	<u>1,208,397</u>	<u>1,208,397</u>	<u>1,208,397</u>
Amount of Issue: \$ 10,000,000					
Amount Outstanding at 9/30/2010: \$7,420,780					
Final Maturity: <u>6/1/2017</u>					
Pledged Revenue: Infrastructure Sales Tax					
Total Principal and Interest Payments					
Next Five Years:	9,946,309	9,946,885	9,944,155	9,946,506	9,948,576
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