

# STORMWATER

The Stormwater section of the Leon County FY 2006 – 2010 Capital Improvement Program represents a five-year schedule of capital improvements designed to facilitate the provision, maintenance, and operation of flood control and stormwater management programs and facilities.

## Managing Departments

Table 8.1 illustrates that the Stormwater Engineering and Mosquito Control Divisions of the Leon County Public Works Department are responsible for the management of nearly all Stormwater capital improvement projects budgeted for FY 2006 with the exception of one project which is managed by the Fleet Division of Public Works. The Stormwater Section totals \$6,491,440, which is 23% of the total capital budget for FY06.

Table 8.1

**FY 2006 Stormwater Projects by Managing Department**

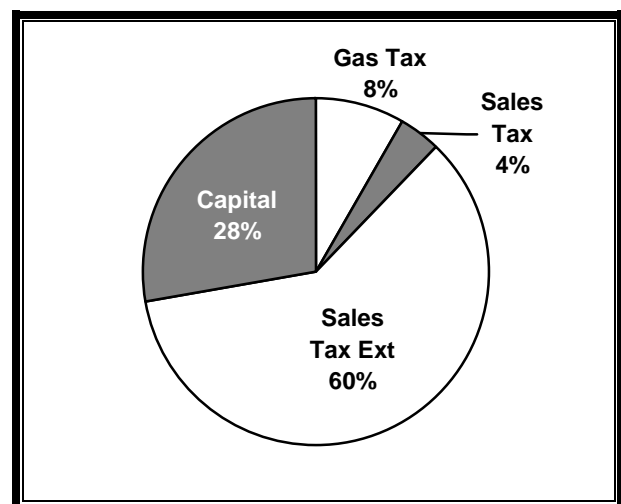
<i>Managing Department</i>	<i>Projects</i>	<i>FY 2005 Budget</i>
Public Works: Stormwater Engineering	9	\$5,923,000
Public Works: Fleet	1	\$568,440
<b>Total</b>	<b>10</b>	<b>\$ 6,491,440</b>

## Funding Sources

Figure 8.1 displays that \$3,897,000 in revenue from the Sales Tax Extension Fund (Fund 309) serves as the primary source of funding for Stormwater projects in FY 2006. Additionally, \$1,809,440 in revenue from the Capital Improvement Fund (305) was appropriated for Stormwater related capital projects. The remaining funding is allocated from the Gas Tax Fund (Fund 306) at \$535,000, and the Sales Tax Fund (Fund 308) at \$250,000.

Figure 8.1

**FY 2006 Stormwater Projects by Funding Source**



Major projects receiving funding as a part of the FY 2006 Capital Improvement Program include:

- Bradfordville Pond 4
- Bradfordville Pond 6
- Deer Lane Drainage Outfall
- Harbinwood Estates Drainage
- Okeeheepkee/ Woodmont Pond
- TMDL Development Program

Other projects that will receive funding in FY 2006 - 2010 include: Flooded Property Acquisition, High Grove Pond, Killearn Acres Flood Mitigation, Lafayette Street Stormwater, Lakeview Bridge, Lexington Regional Stormwater facility, Longwood Subdivision, Rhoden Cove Stormwater, and the purchase of vehicles and equipment.

# STORMWATER

## Section Index

The following provides an index of all the Stormwater capital improvement projects listed in this section for FY 2005/2006 through FY 2009/2010 in alphabetical order and by their corresponding page number.

### Stormwater Capital Projects

Page #	Org. #	Project	Life To Date 9/30/2004	Adjusted 2004/2005	FY 06 Budget	FY '06 -'10 Totals	Total Project Cost
8- 3	067002	BP2000 Water Quality Enhancem.	271	2,779,726	-	1,150,000	\$3,929,997
8- 4	064005	Bradfordville Pond 4	-	-	175,000	175,000	\$175,000
8- 5	064004	Bradfordville Pond 6	-	-	50,000	50,000	\$50,000
8- 6	064009	Deer Lane Drive Drainage Outfall	-	-	250,000	250,000	\$250,000
8- 7	066018	Flooded Property Acquisition	720,316	1,279,684	1,000,000	5,000,000	\$7,000,000
8- 8	063002	Harbinwood Estates Drainage	2,053,659	2,848,951	2,000,000	2,000,000	\$6,902,610
8- 9	064007	High Grove Pond Improvements	-	-	310,000	310,000	\$310,000
8- 10	064001	Killearn Acres Flood Mitigation	467,810	1,251,651	337,000	337,000	\$2,056,461
- -	064002	Lafayette Oaks Tri-Basin Drnge	2,846,455	83,187	-	-	\$2,929,642
8- 11	065001	Lafayette Street Stormwater	-	-	-	1,200,000	\$1,200,000
- -	062001	Lake Munson Restoration	11,244,234	363,862	-	-	\$11,608,096
8- 12	062002	Lakeview Bridge	77,986	22,014	-	500,000	\$600,000
8- 13	063005	Lexington Pond Retrofit	44,290	-	-	3,200,000	\$3,244,290
8- 14	067001	Liberty Ridge	905,153	266,037	-	-	\$1,171,190
8- 15	062004	Longwood Subdivision Retrofit	-	-	-	175,000	\$175,000
8- 16	063004	Okeeheepkee/Woodmont Pnd	611,116	1,943,751	1,560,000	1,560,000	\$4,114,867
8- 17	063009	Rhoden Cove Stormwater	-	-	-	2,400,000	\$2,400,000
- -	066007	Stormwater Facility Improvements	195,539	11,204	-	-	\$206,743
8- 18	066005	Stormwater Plan (Operations)	584,667	49,959	-	-	\$634,626
8- 19	066019	TMDL Development Program	-	20,000	241,000	923,000	\$943,000
8- 20	026004	Vehicle & Equip Replac - Strmwtr	1,596,832	443,285	568,440	3,260,650	\$5,300,767
<b>Stormwater Sub-Total</b>			<b>23,260,131</b>	<b>11,363,311</b>	<b>6,491,440</b>	<b>22,490,650</b>	<b>57,114,092</b>

# BLUEPRINT 2000 WATER QUALITY ENHANCEMENTS

DEPARTMENT: Public Works -  
Engineering Services/Stormwater  
PROJECT #: 067002  
SERVICE TYPE: Stormwater  
STATUS: Existing Project – Additional/Revised  
Appropriation Request

FUNDING: \*\*309 (Sales Tax Extension Fund)

## PROJECT DESCRIPTION

This project implements the \$5 million set-aside from the Sales Tax Extension to retrofit existing County stormwater facilities and enhance their function. Sites to be included are the Lake Munson Dam replacement, the Lakeshore Estates retrofit, and the Sharer Road outfall stabilization, and Lake Heritage outfall. This project also involves the improvement of roadside drainage and conveyance to the Faulk Drive Pond, enhancement of the Faulk Drive Pond inflow.

## FINANCIAL SUMMARY BY FUNDING SOURCE

	Life To Date FY 2004	FY 2005 Adjusted Budget	FY 2005 Year To Date Exp.	FY 2006 Budget	FY 2007 Planned	FY 2008 Planned	FY 2009 Planned	FY 2010 Planned	5 Year Total	Total Project Cost
General									0	0
Gas Tax									0	0
Sales Tax Ext	271	2,779,729			150,000	1,000,000			1,150,000	3,930,000
Bond									0	0
<b>Sub-total</b>	<b>\$271</b>	<b>\$2,779,729</b>	<b>\$0</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,150,000</b>	<b>\$3,930,000</b>

## LEGISLATIVE / POLICY COMPLIANCE STATEMENT

This capital project is in compliance with the Sales Tax Extension Referendum; Comprehensive Plan reference: STORMWATER MANAGEMENT GOALS, OBJECTIVES AND POLICIES: Goal 1: Provide a stormwater management system which protects the health, welfare and safety of the general public by reducing damage and inconvenience from flooding and protects surface water and groundwater quality.

## ADDITIONAL NOTES

*Lake Munson Dam Replacement* - The Lake Munson dam structure will be reconstructed at an adjacent County-owned location in order to address structural weaknesses and foundation instabilities currently being monitored. The new dam will recreate the existing hydraulic conditions so that no change occurs in lake level or discharge downstream. First-year funding will support the design and permitting activities, followed by construction with funding in FY08.

*Lakeshore Estates Retrofit* - This project will address erosion and flooding of the channel flowing from south of Interstate 10 through Lakeshore Estates to the Yorktown Pond. Property acquisition or easements will be required along 750 feet of the channel north of the I-10 right-of-way to the Lakeshore Road right-of-way. The channel may be widened in addition to structural stabilization of the slopes.

*Sharer Road Outfall Stabilization* - This project addresses significant erosion of the outfall channel from Sharer Road to the Brandon Woods pond. Unsafe conditions and lack of maintenance access will be addressed through piping regarding approximately 600 linear feet of the channel. The drainage easement has eroded to greater than 7 feet in portions of the channel. Steep sides and heavy tree growth limit access for maintenance and prevent use of standard stabilization methods.

*Lake Heritage Outfall* - The project includes replacing the lake outfall structure to direct discharge into the main channel rather than the emergency flow-way through the subdivision. The lake berm will be stabilized to protect downstream structures.

\*\*This capital project will be completed through funding from the Blueprint 2000 Intergovernmental Agency. Funds used to complete this project will come from the 80% share of the Sales Tax Extension dedicated to the Agency.

# BRADFORDVILLE POND 4 OUTFALL STABILIZATION

DEPARTMENT: Public Works –  
Engineering Services/ Stormwater  
PROJECT #: 064005  
SERVICE TYPE: Stormwater  
STATUS: New Project

FUNDING: 306 (Gas Tax Fund)

## PROJECT DESCRIPTION

This stormwater facility was formerly known as the Lauder pond and was constructed by FDOT as a part of the Thomasville Road widening project. The joints in the concrete structures comprising the outfall system, as well as the primary control structure, have minor cracking which must be sealed to fully contain the treated stormwater. It is possible that the outfall pipe system will require lining to control leakage into the pipe system.

## FINANCIAL SUMMARY BY FUNDING SOURCE

Life To Date FY 2004	FY 2005 Adjusted Budget	FY 2005 Year To Date Exp.	FY 2006 Budget	FY 2007 Planned	FY 2008 Planned	FY 2009 Planned	FY 2010 Planned	5 Year Total	Total Project Cost
General								0	0
Gas Tax			175,000					175,000	175,000
Sales Tax								0	0
Bond								0	0
<b>Sub-total</b>	\$0	\$0	\$0	\$175,000	\$0	\$0	\$0	\$0	\$175,000

## LEGISLATIVE / POLICY COMPLIANCE STATEMENT

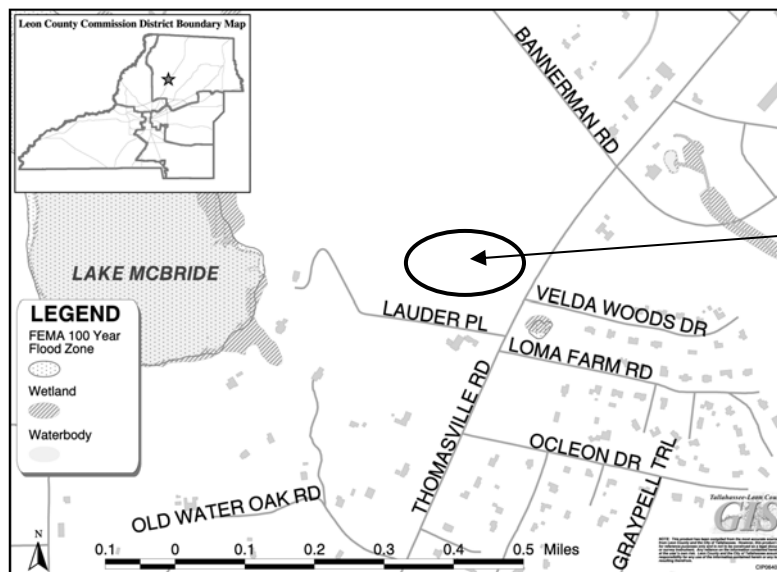
This capital project is in compliance with Comprehensive Plan Reference: STORMWATER MANAGEMENT GOALS, OBJECTIVES AND POLICIES: Goal 1: provide a stormwater management system which protects the health, welfare and safety of the general public by reducing damage and inconvenience from flooding and protects surface water and groundwater quality.

## OPERATING IMPACT

There will be a positive operating impact as a result of this project. Existing pond requires intensive maintenance. The proposed pond can be maintained routinely.

## ADDITIONAL NOTES

The pond modifications directed by the Board are complete. The groundwater level has risen dramatically due to extended rainfall this spring, creating sufficient seepage into the outfall lines to recognize the problem. The commercial development contributing to the pond began construction, increasing runoff volumes and the resultant water level in the treatment facility. The sustained high water level in the pond led to the identification of the control structure cracking as well. Staff is attempting to negotiate with FDOT for reimbursement.



# BRADFORDVILLE POND 6 REHABILITATION

DEPARTMENT: Public Works –  
Engineering Services/Stormwater  
PROJECT #: 064004  
SERVICE TYPE: Stormwater  
STATUS: New Project

FUNDING: 306 (Gas Tax Fund)

## PROJECT DESCRIPTION

This pond serves the new Target store and surrounding area and was originally constructed by FDOT as a part of the Thomasville Road widening project. Minor cracking of the retaining wall will be sealed to prevent the seepage of treated stormwater from the facility

## FINANCIAL SUMMARY BY FUNDING SOURCE

Life To Date FY 2004	FY 2005 Adjusted Budget	FY 2005 Year To Date Exp.	FY 2006 Budget	FY 2007 Planned	FY 2008 Planned	FY 2009 Planned	FY 2010 Planned	5 Year Total	Total Project Cost
General								0	0
Gas Tax			50,000					50,000	50,000
Sales Tax								0	0
Bond								0	0
<b>Sub-total</b>	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$50,000	\$50,000

## LEGISLATIVE / POLICY COMPLIANCE STATEMENT

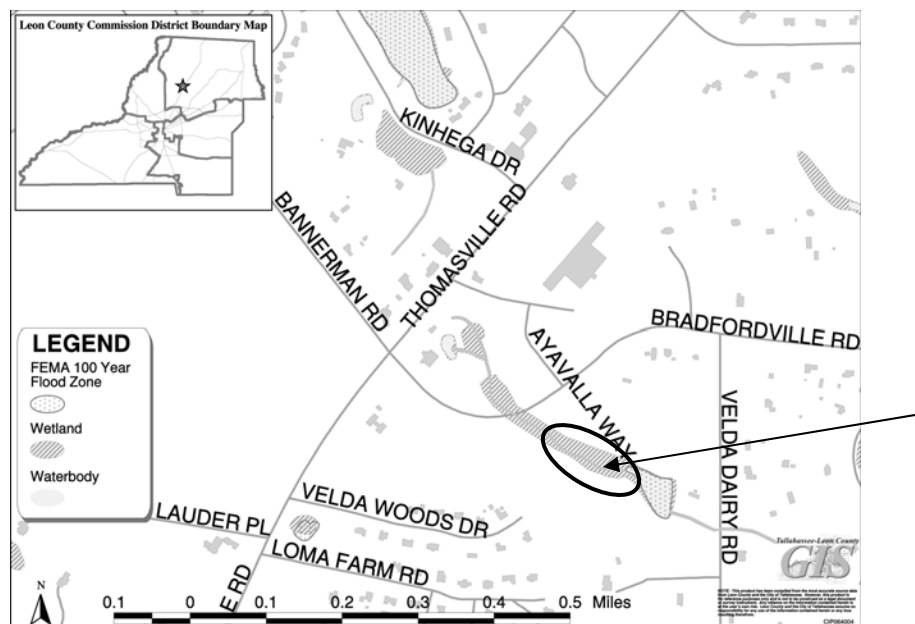
This capital project is in compliance with Comprehensive Plan Reference: STORMWATER MANAGEMENT GOALS, OBJECTIVES AND POLICIES: Goal 1: provide a stormwater management system which protects the health, welfare and safety of the general public by reducing damage and inconvenience from flooding and protects surface water and groundwater quality.

## OPERATING IMPACT

There will be a positive operating impact as a result of this project. Existing pond requires intensive maintenance. The proposed pond can be maintained routinely.

## ADDITIONAL NOTES

The pond was retrofitted to meet the new Bradfordville 4-inch standard, increasing the time that stormwater is retained in the facility. The high rainfall volumes of this spring season filled the facility such that minor seepage cracks have been identified. The face of the concrete retaining wall will be inspected and sealed to resolve the seepage. Staff is attempting to negotiate with FDOT for reimbursement.



# DEER LANE DRIVE DRAINAGE OUTFALL

DEPARTMENT: Public Works –  
Engineering Services/Stormwater

PROJECT #: 064009

SERVICE TYPE: Stormwater

STATUS: New Project

FUNDING: 308 (Sales Tax Extension)

## PROJECT DESCRIPTION

This capital project consists of design, permitting and construction of a new drainage outfall from the south end of Deer Lane Drive (end of County Maintenance) along a private road to a discharge point into an acceptable receiving body. Cost estimates do not include acquisition of Right-of-Way. Preliminary discussions with neighbors indicate that the necessary right-of-way, approximately \$150,000 in value, will be donated to the County.

## FINANCIAL SUMMARY BY FUNDING SOURCE

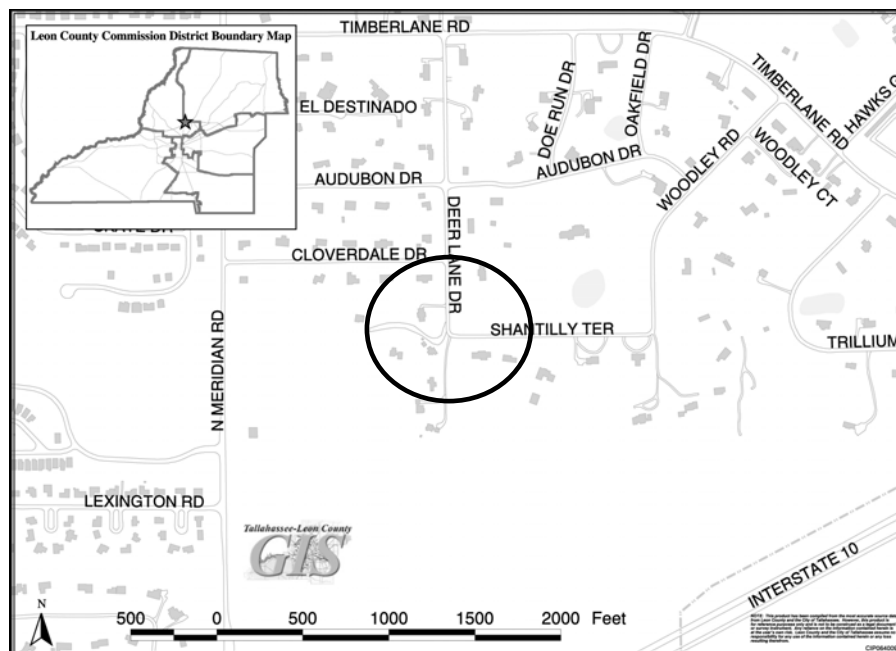
	Life To Date FY 2004	FY 2005 Adjusted Budget	FY 2005 Year To Date Exp.	FY 2006 Budget	FY 2007 Planned	FY 2008 Planned	FY 2009 Planned	FY 2010 Planned	5 Year Total	Total Project Cost
General									0	0
Gas Tax									0	0
Sales Tax				250,000					250,000	250,000
Bond									0	0
<b>Sub-total</b>	\$0	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$250,000

## LEGISLATIVE / POLICY COMPLIANCE STATEMENT

This capital project is in compliance with Policy 1.1.6: [T] Roads shall be designed, constructed, and maintained to prevent flooding and minimize pollution resulting from the transportation system. Special consideration and implementation of mitigation techniques will be required when roadway construction may affect water quality and volume of flow consistent with the adopted Stormwater Level of Service Standard.

## OPERATING IMPACT

This project does not result in new operating impacts. This project addresses an existing drainage issue and provides for resolution such that future maintenance can be addressed more efficiently, resulting in reduced costs. Additional pavement will result in additional maintenance which will be offset by roads leaving the County program through annexation.



# FLOODED PROPERTY ACQUISITION

DEPARTMENT: Public Works-  
Engineering Services/ Stormwater  
PROJECT #: 066018  
SERVICE TYPE: Stormwater  
STATUS: Existing Project - Additional/Revised  
Appropriation Request

FUNDING: 305 (Capital Improvement Fund);

## PROJECT DESCRIPTION

This project provides for the acquisition of structures located in flood hazard areas.

## FINANCIAL SUMMARY BY FUNDING SOURCE

	Life To Date FY 2004	FY 2005 Adjusted Budget	FY 2005 Year To Date Exp.	FY 2006 Budget	FY 2007 Planned	FY 2008 Planned	FY 2009 Planned	FY 2010 Planned	5 Year Total	Total Project Cost
General	720,316	1,279,684	436,421	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	7,000,000
Gas Tax									0	0
Sales Tax									0	0
Bond									0	0
<b>Sub-total</b>	<b>\$720,316</b>	<b>\$1,279,684</b>	<b>\$436,421</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$5,000,000</b>	<b>\$7,000,000</b>

## LEGISLATIVE / POLICY COMPLIANCE STATEMENT

Policy 05-5, Flooded Property Acquisition Program, adopted by the Leon County Board of County Commissioners on June 14, 2005, reads in part as follows: the policy focuses on the implementation of a consistent and equitable procedure for acquiring and managing any and all flooded properties selected for acquisition by the County in accordance with any of the Board's current or future policies, programs, or ordinances intended to provide relief to owners of flooded properties. The Board's public purpose for the Program is to improve the health, safety, and welfare of the public by providing relief to the residents of flooded properties, which will allow them to relocate to properties that do not experience flooding. The Board's intent is to assure success for the Program by providing sufficient funding for the relocations to be accomplished.

# HARBINWOOD ESTATES DRAINAGE

DEPARTMENT: Public Works –  
Engineering Services/Stormwater  
PROJECT #: 063002  
SERVICE TYPE: Stormwater  
STATUS: Existing Project - Additional/Revised  
Appropriation Request

FUNDING: 305 (Capital Improvement Fund);  
309 (Sales Tax Extension Fund, BP2000);  
125 (Grants Fund);  
314 (1997 Bond Fund);  
318 (1999 Bond Fund)

## PROJECT DESCRIPTION

This project consists of the reconstruction/enhancement of existing open stormwater conveyance systems that are frequently overwhelmed causing chronic flooding within portions of the Harbinwood Estates subdivision. The flooding is also contributing to poor surface water quality inflows entering Lake Jackson. The project includes a force main system to recover storage volume within an existing facility and two new stormwater facilities to minimize flooding and treat stormwater that is now passing untreated directly to Lake Jackson. Proposed funding levels exceed current Blueprint authorization and will require approval.

## FINANCIAL SUMMARY BY FUNDING SOURCE

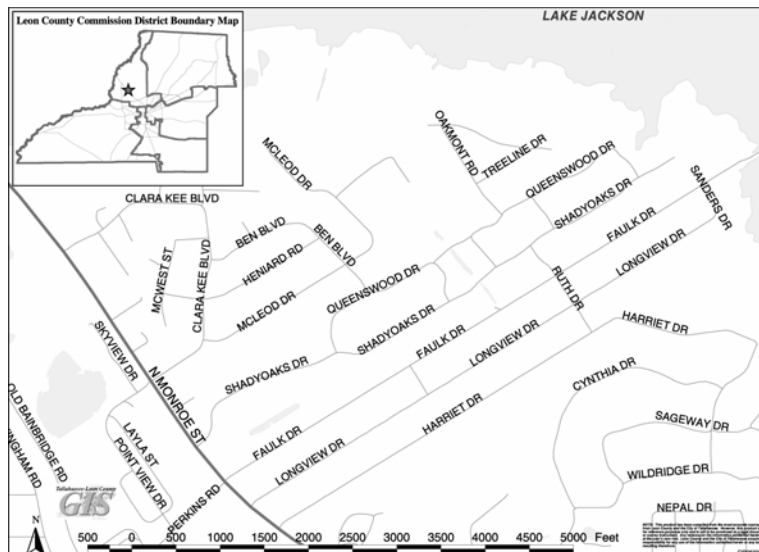
	Life To Date FY 2004	FY 2005 Adjusted Budget	FY 2005 Year To Date Exp.	FY 2006 Budget	FY 2007 Planned	FY 2008 Planned	FY 2009 Planned	FY 2010 Planned	5 Year Total	Total Project Cost
General	26,190	47,853	31,133						0	74,043
BP2000		2,363,898		2,000,000					2,000,000	4,363,898
Grant	278,241								0	278,241
Bond 314	159,681									159,681
Bond 318	1,589,547	437,200	188,629						0	2,026,747
<b>Sub-total</b>	<b>\$2,053,659</b>	<b>\$2,848,951</b>	<b>\$219,762</b>	<b>\$2,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000,000</b>	<b>\$6,902,610</b>

## LEGISLATIVE / POLICY COMPLIANCE STATEMENT

Comprehensive Plan Reference: STORMWATER MANAGEMENT GOALS, OBJECTIVES AND POLICIES: Goal 1: Provide a stormwater management system which protects the health, welfare and safety of the general public by reducing damage and inconvenience from flooding and protects surface water and groundwater quality. Comprehensive Plan Levels of Service for Stormwater, which requires that no floodwaters enter homes in a 100-year storm and collector roads are passable in a 25-year storm.

## ADDITIONAL NOTES

Attenuation facilities and conveyance improvements are in design, some residences have been purchased (federal flood hazard mitigation grant fund request to assist in this effort is under review at FEMA), and public participation has included mailings to affected residents as well as public meetings in the area. The remaining portion of this capital project will be completed through funding from the Blueprint 2000 Intergovernmental Agency. Funds used to complete this portion of the project will come from the 80% share of the Sales Tax Extension dedicated to the Agency. It is anticipated that the NFWFMD will provide \$500,000 or more in project funds by grants, these funds are reflected in the current budget request.





# HIGH GROVE POND IMPROVEMENT

DEPARTMENT: Public Works –  
Engineering Services/ Stormwater  
PROJECT #: 064007  
SERVICE TYPE: Stormwater  
STATUS: New Project

FUNDING: 306 (Gas Tax Fund)

## PROJECT DESCRIPTION

The project involves removal of fallen trees and standing deadwood resulting from sustained high water levels in the stormwater treatment facility and the construction of a new stormwater facility pond at this location that can be maintained in a more acceptable manner. Additional measures will be evaluated to ensure that normal pool fluctuation does not encroach on property outside of the drainage easements or rights-of-way, with design and permitting costs as required.

## FINANCIAL SUMMARY BY FUNDING SOURCE

Life To Date FY 2004	FY 2005 Adjusted Budget	FY 2005 Year To Date Exp.	FY 2006 Budget	FY 2007 Planned	FY 2008 Planned	FY 2009 Planned	FY 2010 Planned	5 Year Total	Total Project Cost
General								0	0
Gas Tax			310,000					310,000	310,000
Sales Tax								0	0
Bond								0	0
<b>Sub-total</b>	\$0	\$0	\$310,000	\$0	\$0	\$0	\$0	\$310,000	\$310,000

## LEGISLATIVE / POLICY COMPLIANCE STATEMENT

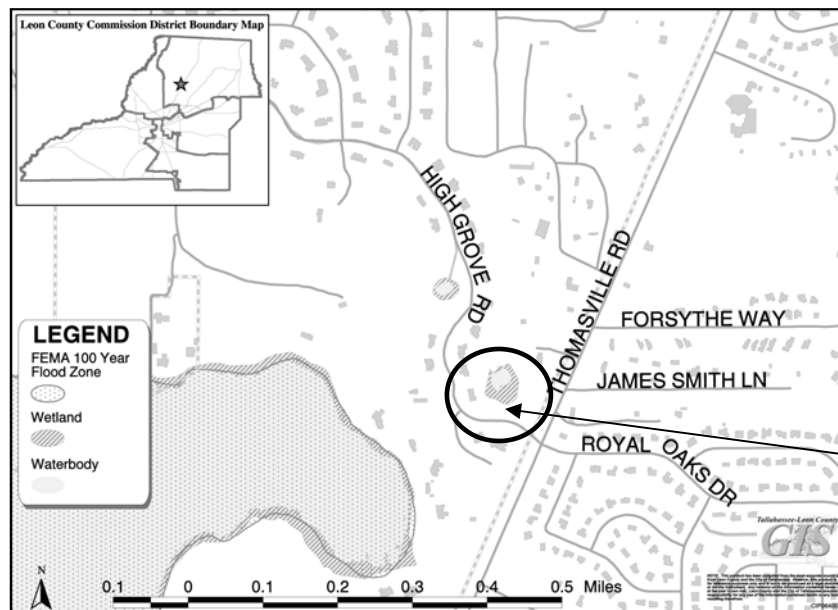
This capital project is in compliance with Comprehensive Plan Reference: STORMWATER MANAGEMENT GOALS, OBJECTIVES AND POLICIES: Goal 1: provide a stormwater management system which protects the health, welfare and safety of the general public by reducing damage and inconvenience from flooding and protects surface water and groundwater quality.

## OPERATING IMPACT

There will be a positive operating impact as a result of this project. Existing pond requires intensive maintenance. The proposed pond can be maintained routinely.

## ADDITIONAL NOTES

The facility was constructed as part of the Thomasville Road widening. FDOT redirected stormwater from the Ravines subdivision to this facility for treatment rather than maintaining direct discharge to Lake Hall. The impact to the trees was anticipated.



# KILLEARN ACRES FLOOD MITIGATION

DEPARTMENT: Public Works –  
Engineering Services/Stormwater  
PROJECT #: 064001  
SERVICE TYPE: Stormwater  
STATUS: Existing Project - Additional/Revised  
Appropriation Request

FUNDING: 309 (Sales Tax Extension Fund);  
314 (1997 Bond Fund);  
318 (1999 Bond Fund)

## PROJECT DESCRIPTION

This project consists of improving drainage facilities within the Killearn Acres subdivision downstream of Lake Saratoga to the Killearn Chain of Lakes. Additionally, this project consists of improving drainage facilities within the Killearn Acres subdivision upstream of Lake Saratoga. The conveyance improvements will eliminate residential flooding adjacent to the primary drainage system.

## FINANCIAL SUMMARY BY FUNDING SOURCE

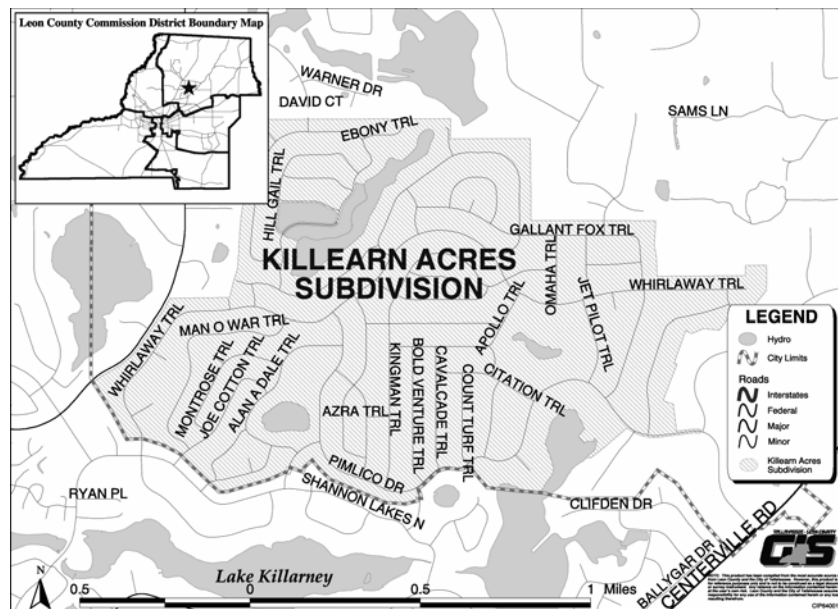
	Life To Date FY 2004	FY 2005 Adjusted Budget	FY 2005 Year To Date Exp.	FY 2006 Budget	FY 2007 Planned	FY 2008 Planned	FY 2009 Planned	FY 2010 Planned	5 Year Total	Total Project Cost
General									0	0
Sales Tax Ext		991,801		337,000					337,000	1,328,801
Bond 314	145,300								0	145,300
Bond 318	322,510	259,850	33,761						0	582,360
<b>Sub-total</b>	<b>\$467,810</b>	<b>\$1,251,651</b>	<b>\$33,761</b>	<b>\$337,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$337,000</b>	<b>\$2,056,461</b>

## LEGISLATIVE / POLICY COMPLIANCE STATEMENT

Comprehensive Plan Reference: STORMWATER MANAGEMENT GOALS, OBJECTIVES AND POLICIES: Goal 1: Provide a stormwater management system which protects the health, welfare and safety of the general public by reducing damage and inconvenience from flooding and protects surface water and groundwater quality. Comprehensive Plan Levels of Service for Stormwater conveyance requires that no floodwaters enter a residence in a 100-year storm.

## OPERATING IMPACT

The project will improve upon existing facilities, reducing maintenance requirements.



# LAFAYETTE STREET STORMWATER

DEPARTMENT: Public Works – Engineering Services  
 PROJECT #: 065001  
 SERVICE TYPE: Stormwater  
 STATUS: Existing Project – Additional/Revised  
 Appropriation Request

FUNDING: 309 (Sales Tax Extension Fund)

## PROJECT DESCRIPTION

This capital project will provide for stormwater improvements within in conjunction with the Lafayette Street / Magnolia Drive Intersection Construction (road) capital project. Funds not required for support of that intersection project will be used in the general vicinity, such as at the railroad crossing, to reduce street flooding in storm events.

## FINANCIAL SUMMARY BY FUNDING SOURCE

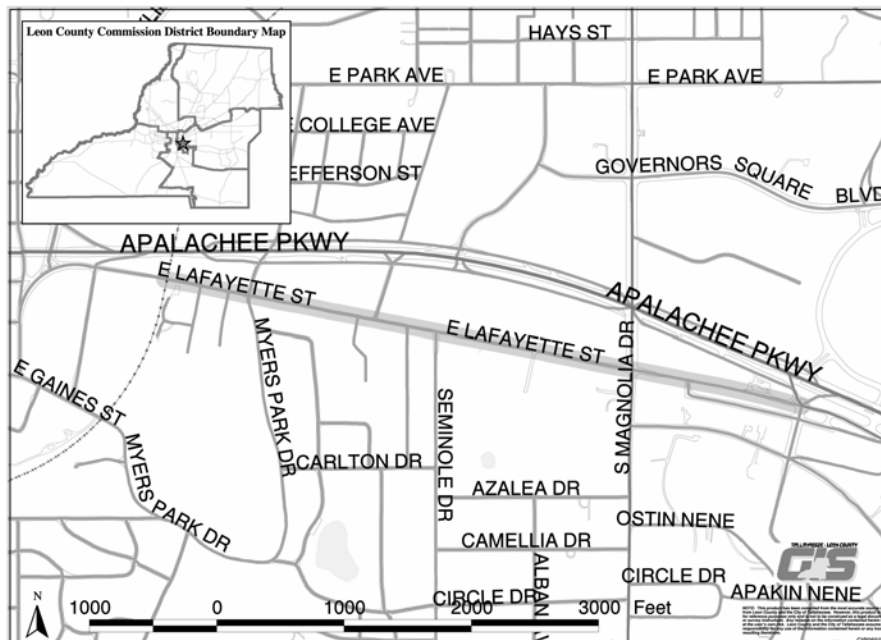
	Life To Date FY 2004	FY 2005 Adjusted Budget	FY 2005 Year To Date Exp.	FY 2006 Budget	FY 2007 Planned	FY 2008 Planned	FY 2009 Planned	FY 2010 Planned	5 Year Total	Total Project Cost
General									0	0
Gas Tax									0	0
Sales Tax					777,260	422,740			1,200,000	1,200,000
Bond									0	0
<b>Sub-total</b>	\$0	\$0	\$0	\$0	\$777,260	\$422,740	\$0	\$0	\$1,200,000	\$1,200,000

## LEGISLATIVE / POLICY COMPLIANCE STATEMENT

This project is in compliance with policy determined by the Blueprint 2000 referendum.

## OPERATING IMPACT

This project will improve upon existing facilities, reducing maintenance requirements.



# LAKEVIEW BRIDGE

DEPARTMENT: Public Works –  
Engineering Services/Stormwater  
PROJECT #: 062002  
SERVICE TYPE: Stormwater  
STATUS: Existing Project - Additional/Revised  
Appropriation Request

FUNDING: 309 (Sales Tax Extension Fund);  
318 (1999 Bond Fund)

## PROJECT DESCRIPTION

This capital project will replace a culvert connecting Lake Bradford and Grassy Lake with a low bridge or other structure(s) and modify the roadway to prevent floodwaters from overtopping Lakeview Drive, causing road closure and eroding adjacent yards.

## FINANCIAL SUMMARY BY FUNDING SOURCE

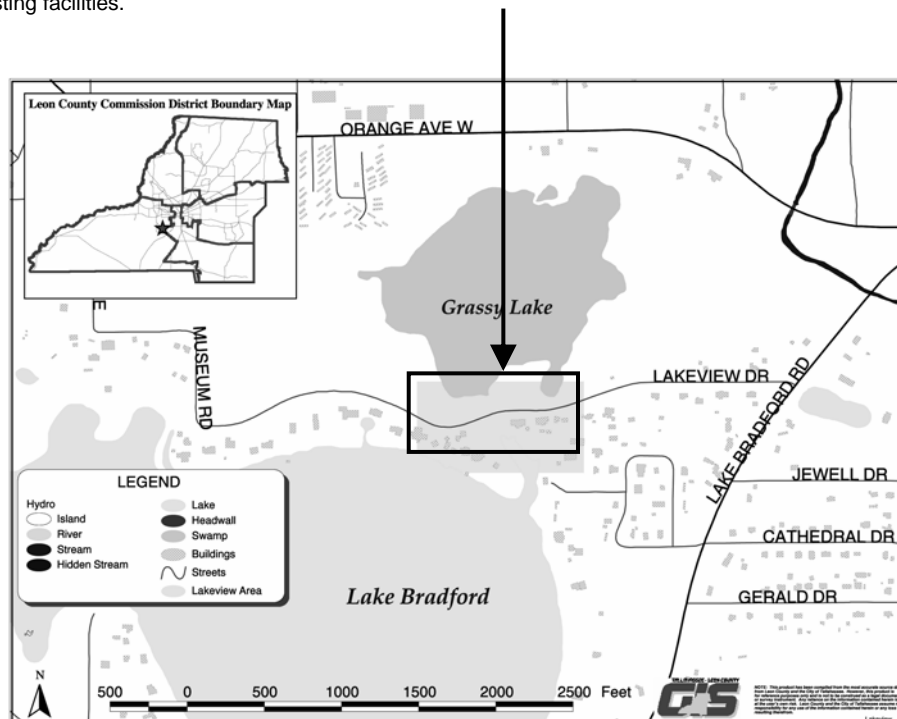
	Life To Date FY 2004	FY 2005 Adjusted Budget	FY 2005 Year To Date Exp.	FY 2006 Budget	FY 2007 Planned	FY 2008 Planned	FY 2009 Planned	FY 2010 Planned	5 Year Total	Total Project Cost
General									0	0
Gas Tax									0	0
Sales Tax Ext					123,000	377,000			500,000	500,000
Bond 318	77,987	22,014	1,160						0	100,001
<b>Sub-total</b>	<b>\$77,987</b>	<b>\$22,014</b>	<b>\$1,160</b>	<b>\$0</b>	<b>\$123,000</b>	<b>\$377,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$600,001</b>

## LEGISLATIVE / POLICY COMPLIANCE STATEMENT

Comprehensive Plan Reference: STORMWATER MANAGEMENT GOALS, OBJECTIVES AND POLICIES: Goal 1: Provide a stormwater management system which protects the health, welfare and safety of the general public by reducing damage and inconvenience from flooding and protects surface water and groundwater quality. Comprehensive Plan Levels of Service for Stormwater conveyance requires that no floodwaters enter a residence in a 100-year storm.

## OPERATING IMPACT

Improvements which will correct the existing deficiencies in this road and drainage system will result in reduced operational / maintenance costs as compared to the existing facilities.



# LEXINGTON POND RETROFIT

DEPARTMENT: Public Works –  
Engineering Services/ Stormwater  
PROJECT #: 063005  
SERVICE TYPE: Stormwater  
STATUS: New Project

FUNDING: 309 (Sales Tax Ext Fund);  
314 (1997 Bond Fund);  
318 (1999 Bond Fund)

## PROJECT DESCRIPTION

This project will provide water quality treatment and flow attenuation for stormwater entering Ford's Arm of Lake Jackson from the Lexington Branch. The project specifically consists of planning, designing, acquiring land, and constructing stormwater treatment and attenuation facilities and associated conveyance improvements.

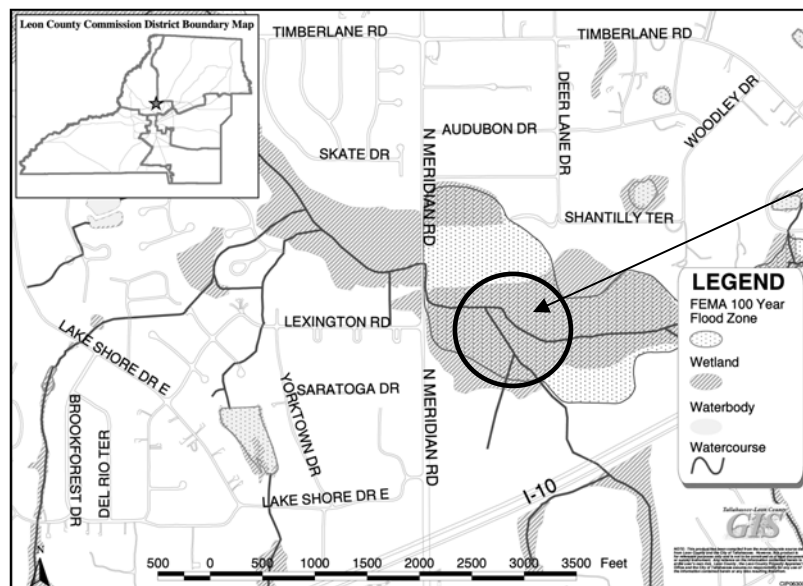
## FINANCIAL SUMMARY BY FUNDING SOURCE

	Life To Date FY 2004	FY 2005 Adjusted Budget	FY 2005 Year To Date Exp.	FY 2006 Budget	FY 2007 Planned	FY 2008 Planned	FY 2009 Planned	FY 2010 Planned	5 Year Total	Total Project Cost
General									0	0
Sales Tax Ext						3,200,000			3,200,000	3,200,000
Bond 314	43,914								0	43,914
Bond 318	376								0	376
<b>Sub-total</b>	<b>\$44,290</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,200,000</b>	<b>\$3,244,290</b>

## LEGISLATIVE / POLICY COMPLIANCE STATEMENT

This capital project is in compliance with Comprehensive Plan Reference: STORMWATER MANAGEMENT GOALS, OBJECTIVES AND POLICIES: Policy 2.7.7:[C]( Leon County) Local government shall develop a program for retrofitting developed areas which lack adequate facilities for treating stormwater runoff by defining and implementing a sequence of intermediate milestones necessary to achieve the retrofit objective. Local government shall fund and initiate a work program to quantify water quality problems, costs and mitigation methods. Using this information it shall develop more specific retrofit objectives with due consideration to costs, methodology and the community's willingness to financially support implementation. Policies shall be adopted into the comprehensive plan that reflects these objectives including program funding targets. Local government shall then develop, fund, and initiate a water quality enhancement program which will achieve the retrofit goals on the established schedule.

Comprehensive Plan Reference: STORMWATER MANAGEMENT GOALS, OBJECTIVES AND POLICIES: Goal 1: provide a stormwater management system which protects the health, welfare and safety of the general public by reducing damage and inconvenience from flooding and protects surface water and groundwater quality.



# LIBERTY RIDGE

DEPARTMENT: Public Works –  
Engineering Services/Stormwater  
PROJECT #: 067001  
SERVICE TYPE: Stormwater  
STATUS: Existing Project – Anticipated Carry Forward  
Request

FUNDING: 318 (1999 Bond Fund)

## PROJECT DESCRIPTION

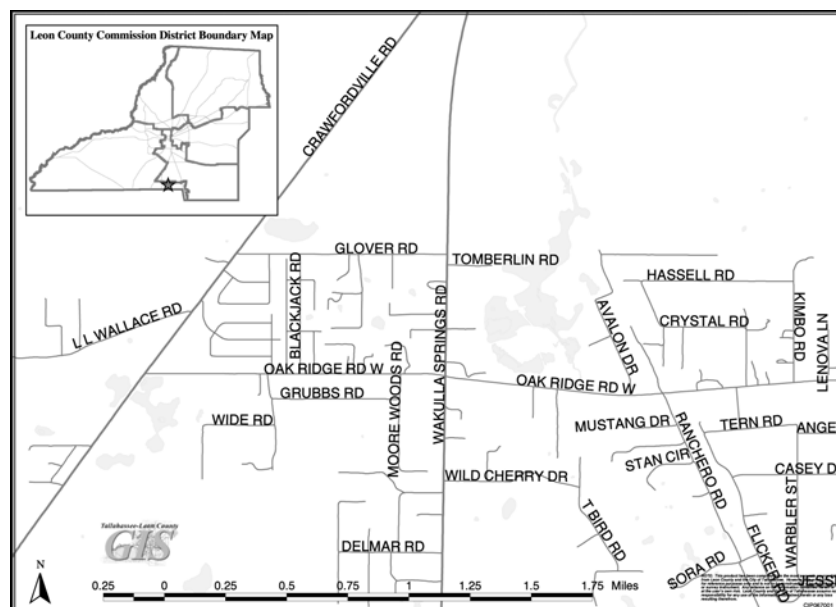
This project will purchase homes south of the Apalachicola National Forest along Munson Slough which are subject to flooding. The property will be cleared for conversion to dedicated open space, with a goal of alleviating additional flooding of adjacent property.

## FINANCIAL SUMMARY BY FUNDING SOURCE

	Life To Date FY 2004	FY 2005 Adjusted Budget	FY 2005 Year To Date Exp.	FY 2006 Budget	FY 2007 Planned	FY 2008 Planned	FY 2009 Planned	FY 2010 Planned	5 Year Total	Total Project Cost
General									0	0
Gas Tax									0	0
Sales Tax									0	0
Bond 318	905,152	266,037	2,300						0	1,171,189
<b>Sub-total</b>	<b>\$905,152</b>	<b>\$266,037</b>	<b>\$2,300</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,171,189</b>

## LEGISLATIVE / POLICY COMPLIANCE STATEMENT

Comprehensive Plan Reference: STORMWATER MANAGEMENT GOALS, OBJECTIVES AND POLICIES: Goal 1: Provide a stormwater management system which protects the health, welfare and safety of the general public by reducing damage and inconvenience from flooding and protects surface water and groundwater quality. Comprehensive Plan Levels of Service for Stormwater conveyance requires that no floodwaters enter a residence in a 100-year storm.



# LONGWOOD SUBDIVISION RETROFIT

DEPARTMENT: Public Works –  
Engineering Services/ Stormwater  
PROJECT #: 062004  
SERVICE TYPE: Stormwater  
STATUS: New Project

FUNDING: 309 (Sales Tax Ext Fund)

## PROJECT DESCRIPTION

This project will address erosion and localized flooding in the Longwood Subdivision in west Leon County. The County drainage right-of-way will be graded to increase stormwater flow attenuation, stabilized to reduce erosion from peak flows, and planted with vegetation to improve water quality treatment and enhance the natural channel.

## FINANCIAL SUMMARY BY FUNDING SOURCE

Life To Date FY 2004	FY 2005 Adjusted Budget	FY 2005 Year To Date Exp.	FY 2006 Budget	FY 2007 Planned	FY 2008 Planned	FY 2009 Planned	FY 2010 Planned	5 Year Total	Total Project Cost
General								0	0
Gas Tax								0	0
Sales Tax Ext					175,000			175,000	175,000
Bond								0	0
<b>Sub-total</b>	\$0	\$0	\$0	\$0	\$0	\$175,000	\$0	\$0	\$175,000

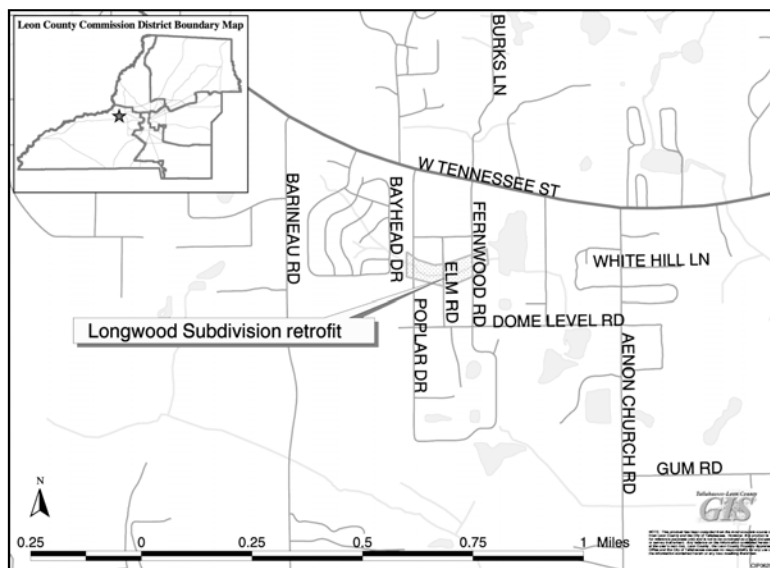
## LEGISLATIVE / POLICY COMPLIANCE STATEMENT

This capital project is in compliance with Comprehensive Plan Reference: STORMWATER MANAGEMENT GOALS, OBJECTIVES AND POLICIES: Policy 2.7.7:[C]( Leon County) Local government shall develop a program for retrofitting developed areas which lack adequate facilities for treating stormwater runoff by defining and implementing a sequence of intermediate milestones necessary to achieve the retrofit objective. Local government shall fund and initiate a work program to quantify water quality problems, costs and mitigation methods. Using this information it shall develop more specific retrofit objectives with due consideration to costs, methodology and the community's willingness to financially support implementation. Policies shall be adopted into the comprehensive plan that reflects these objectives including program funding targets. Local government shall then develop, fund, and initiate a water quality enhancement program which will achieve the retrofit goals on the established schedule.

Comprehensive Plan Reference: STORMWATER MANAGEMENT GOALS, OBJECTIVES AND POLICIES: Goal 1: provide a stormwater management system which protects the health, welfare and safety of the general public by reducing damage and inconvenience from flooding and protects surface water and groundwater quality.

## ADDITIONAL NOTES

Funds used to complete this project will come from the 10% share of the Sales Tax Extension dedicated to Leon County.



# OKEEHEEPKEE / WOODMONT POND

DEPARTMENT: Public Works –  
Engineering Services/Stormwater

PROJECT #: 063004

SERVICE TYPE: Stormwater

STATUS: Existing Project - Additional/Revised  
Appropriation Request

FUNDING: 306 (Gas Tax Fund);  
309 (Sales Tax Extension Fund, BP2000);  
314 (1997 Bond Fund);  
318 (1999 Bond Fund)

## PROJECT DESCRIPTION

This capital project consists of improving Lower Gwyndale Pond, relocating Woodmont Pond, replacing the Fuller Road culvert, and constructing a regional stormwater management facility north of Fuller Road.

## FINANCIAL SUMMARY BY FUNDING SOURCE

	Life To Date FY 2004	FY 2005 Adjusted Budget	FY 2005 Year To Date Exp.	FY 2006 Budget	FY 2007 Planned	FY 2008 Planned	FY 2009 Planned	FY 2010 Planned	5 Year Total	Total Project Cost
Gas Tax	65,213	264,786	2,738						0	329,999
BP2000	36	1,632,964		1,560,000					1,560,000	3,193,000
Bond 314	303,625								0	303,625
Bond 318	242,242	46,001	37,033						0	288,243
<b>Sub-total</b>	<b>\$611,116</b>	<b>\$1,943,751</b>	<b>\$39,771</b>	<b>\$1,560,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,560,000</b>	<b>\$4,114,867</b>

## LEGISLATIVE / POLICY COMPLIANCE STATEMENT

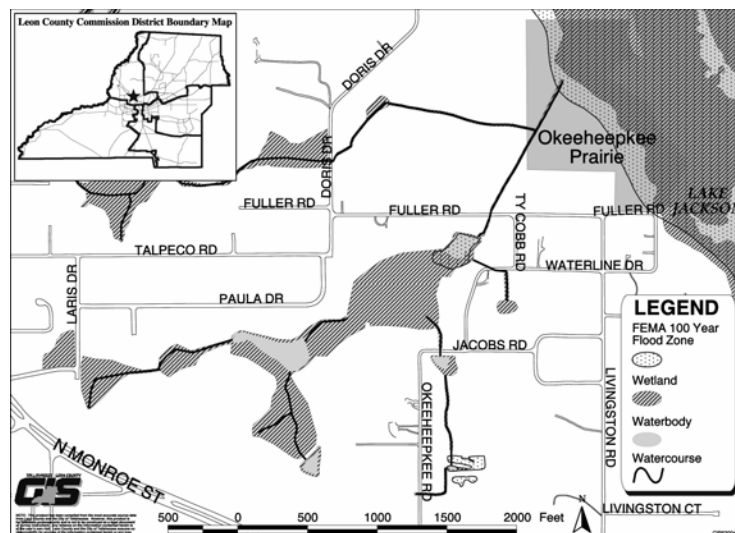
Comprehensive Plan Reference: Policy 2.1.7: [C] (Leon County), Comprehensive Plan Reference: Goal 1: Provide a stormwater management system which protects the health, welfare and safety of the general public by reducing damage and inconvenience from flooding and protects surface water and groundwater quality.

## OPERATING IMPACT

This project does not result in new operating impacts. This project addresses an existing drainage issue and provides for resolution such that future maintenance can be addressed more efficiently, reducing costs. Additionally, the immediate operating impact of new road construction / reconstruction is a reduction in maintenance activities and costs. Operating impacts realized in the future will be addressed by the Local Road Resurfacing project.

## ADDITIONAL NOTES

The project would not be fully funded without the FY 2006 request. However, the Corps of Engineers (COE) funding in the approximate amount of \$1.56M has not been forthcoming and is without certainty. Accordingly, staff is proposing that the COE funding amount be secured from Blueprint2000 funds and, if COE funds materialize, the Blueprint funds can be returned or reassigned with Blueprint IA approval. Of the \$1.56M proposed, \$0.4M has been previously approved by Blueprint. Blueprint approval of the additional \$1.16M will be required. This capital project will be completed through funding from the Blueprint2000 Intergovernmental Agency. Funds used to complete this project will come from the 80% share of the Sales Tax Extension dedicated to the Agency. The construction addresses a negotiated settlement with property owners adjacent to the existing Woodmont Pond.





# RHODEN COVE RETROFIT

DEPARTMENT: Public Works –  
Engineering Services/ Stormwater  
PROJECT #: 063009  
SERVICE TYPE: Stormwater  
STATUS: New Project

FUNDING: 309 (Sales Tax Ext Fund)

## PROJECT DESCRIPTION

This project will provide water quality treatment and flow attenuation for stormwater entering Ford's Arm of Lake Jackson from the Overstreet Tributary. The project specifically consists of planning, designing, acquiring land, and constructing stormwater treatment and attenuation facilities and associated conveyance improvements.

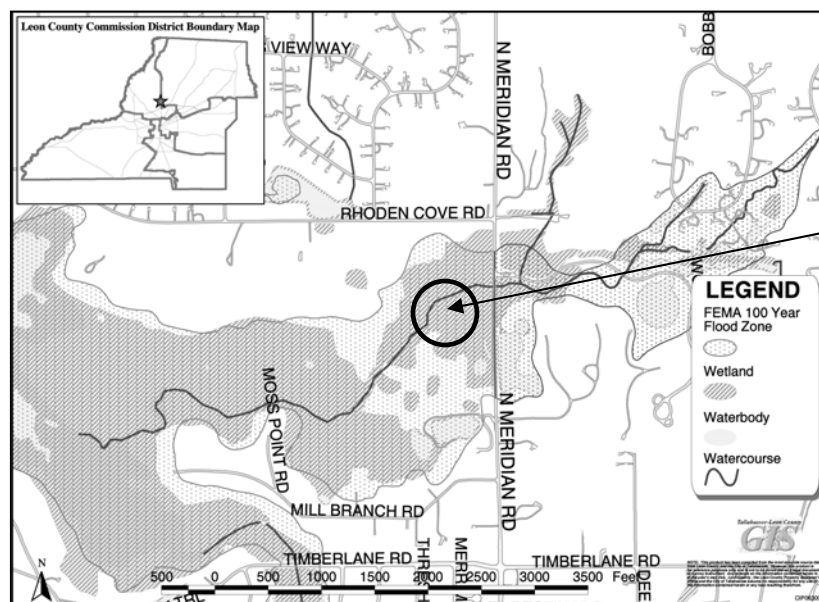
## FINANCIAL SUMMARY BY FUNDING SOURCE

Life To Date FY 2004	FY 2005 Adjusted Budget	FY 2005 Year To Date Exp.	FY 2006 Budget	FY 2007 Planned	FY 2008 Planned	FY 2009 Planned	FY 2010 Planned	5 Year Total	Total Project Cost
General								0	0
Gas Tax								0	0
Sales Tax Ext					2,400,000			2,400,000	2,400,000
Bond								0	0
<b>Sub-total</b>	\$0	\$0	\$0	\$0	\$2,400,000	\$0	\$0	\$2,400,000	\$2,400,000

## LEGISLATIVE / POLICY COMPLIANCE STATEMENT

This capital project is in compliance with Comprehensive Plan Reference: STORMWATER MANAGEMENT GOALS, OBJECTIVES AND POLICIES: Policy 2.7.7:[C]( Leon County) Local government shall develop a program for retrofitting developed areas which lack adequate facilities for treating stormwater runoff by defining and implementing a sequence of intermediate milestones necessary to achieve the retrofit objective. Local government shall fund and initiate a work program to quantify water quality problems, costs and mitigation methods. Using this information it shall develop more specific retrofit objectives with due consideration to costs, methodology and the community's willingness to financially support implementation. Policies shall be adopted into the comprehensive plan that reflects these objectives including program funding targets. Local government shall then develop, fund, and initiate a water quality enhancement program which will achieve the retrofit goals on the established schedule.

Comprehensive Plan Reference: STORMWATER MANAGEMENT GOALS, OBJECTIVES AND POLICIES: Goal 1: provide a stormwater management system which protects the health, welfare and safety of the general public by reducing damage and inconvenience from flooding and protects surface water and groundwater quality.



# STORMWATER PLAN (OPERATIONS)

DEPARTMENT: Public Works- Operations

FUNDING: 305 (Capital Improvement Fund)

PROJECT #: 066005

SERVICE TYPE: Stormwater

STATUS: Existing Project - Anticipated Carry Forward Request

## PROJECT DESCRIPTION

The Stormwater Plan Implementation CIP began in FY 1994/95 by Board direction to identify funding and resource needs associated with flooding and water quality issues throughout Leon County. This FY06 Stormwater Plan Implementation CIP is a Carry Forward funding request needed to contract the repairs of existing concrete stormwater structures.

## FINANCIAL SUMMARY BY FUNDING SOURCE

	Life To Date FY 2004	FY 2005 Adjusted Budget	FY 2005 Year To Date Exp.	FY 2006 Budget	FY 2007 Planned	FY 2008 Planned	FY 2009 Planned	FY 2010 Planned	5 Year Total	Total Project Cost
General	584,667	49,959	6,721						0	634,626
Gas Tax									0	0
Sales Tax									0	0
Bond									0	0
<b>Sub-total</b>	<b>\$584,667</b>	<b>\$49,959</b>	<b>\$6,721</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$634,626</b>

## LEGISLATIVE / POLICY COMPLIANCE STATEMENT

Comprehensive Plan: Section II - Transportation; Section III; Section IX - Capital Improvements. Federal Non-Point Discharge Elimination System (NPDES) regulations set forth in Section 40 CFR 122.26; State Water Policy: Florida Administrative Code Chapter 62; Rule 62-40.432(2)(c), FAC. Leon County Code of Ordinances, Chapter 10, Article VII.

## ADDITIONAL NOTES

This funding source is needed to expedite small contracts for the repairs of concrete stormwater structures, i.e. concrete ditch pavement, curb inlets, and concrete weirs. This enables the Division of Operations to continue to deliver normal scheduled service levels to our citizens without interruption. When unanticipated needs occur, scheduled work does not have to be delayed in so much that small contracts can be utilized to meet unforeseen maintenance needs. The utilization of contracted repairs can reduce the need to expand overtime dollars on nights and weekends.

# TMDL DEVELOPMENT PROGRAM

DEPARTMENT: Public Works –  
Engineering Services/Stormwater  
PROJECT #: 066019  
SERVICE TYPE: Stormwater  
STATUS: Existing Project – Additional/Revised  
Appropriation Request

FUNDING: 305 (Capital Improvement Fund)

## PROJECT DESCRIPTION

This project accelerates the state and federal programs by increasing the coverage of water quality and habitat sampling in the unincorporated area and developing targets for lakes and streams in Leon County. Water chemistry will be monitored at 52 sites and stream biology will be monitored at 40 sites each year. The results will be evaluated to develop water quality targets for state adoption as Total Maximum Daily Loads (TMDLs).

## FINANCIAL SUMMARY BY FUNDING SOURCE

	Life To Date FY 2004	FY 2005 Adjusted Budget	FY 2005 Year To Date Exp.	FY 2006 Budget	FY 2007 Planned	FY 2008 Planned	FY 2009 Planned	FY 2010 Planned	5 Year Total	Total Project Cost
General		20,000	7,034	241,000	200,000	200,000	141,000	141,000	923,000	943,000
Gas Tax									0	0
Sales Tax									0	0
Bond									0	0
<b>Sub-total</b>	\$0	\$20,000	\$7,034	\$241,000	\$200,000	\$200,000	\$141,000	\$141,000	\$923,000	\$943,000

## LEGISLATIVE / POLICY COMPLIANCE STATEMENT

This capital project is in compliance with Comprehensive Plan Reference: STORMWATER MANAGEMENT GOALS, OBJECTIVES AND POLICIES: Goal 1: provide a stormwater management system which protects the health, welfare and safety of the general public by reducing damage and inconvenience from flooding and protects surface water and groundwater quality.

## ADDITIONAL NOTES

Leon County will assist the Florida Department of Environmental Protection (FDEP) by increasing the number and distribution of water quality and biological sampling sites in the unincorporated area. The data will support protective management actions or identify areas which require stormwater retrofit to achieve water quality standards.

# VEHICLE & EQUIPMENT REPLACEMENT STORMWATER

DEPARTMENT: Public Works – Operations

FUNDING: 305 (Capital Improvement Fund)

PROJECT #: 026004

SERVICE TYPE: Stormwater

STATUS: Existing Project - Additional/Revised  
Appropriation Request

## PROJECT DESCRIPTION

This capital project will provide for the replacement of the following vehicles in FY 06:

Unit No.	Year/Make	Description	Mileage/Hours	Acquisition Cost	Repair Cost	Approx. Replacement Cost	Department/ Division
823	1988 International	Tandum Dump	89,795	\$41,189	\$25,498	\$110,000	Public Works/Mosquito Control
942	1991 Ford	4 Yard Dump	95,000	\$28,981	\$16,338	\$64,500	Public Works/Mosquito Control
1147	1994 Broce	Broom	1,267	\$26,784	\$32,687	\$49,500	Public Works/Ops Storm
1233	1996 Ford	Ranger	101,935	\$17,633	\$10,555	\$28,500	PW/Mosquito Control
1242	1982 International	School Bus	212,301	\$3,000	\$28,735	\$49,830	PW/Ops ROW
1256	1997 Ford	Tandum Dump	134,051	\$54,961	\$32,001	\$110,000	PW/Ops Storm
1556	2001 John Deere	770C Grader	Buy Back	\$146,135		\$156,110	PW/Ops Storm

## FINANCIAL SUMMARY BY FUNDING SOURCE

	Life To Date FY 2004	FY 2005 Adjusted Budget	FY 2005 Year To Date Exp.	FY 2006 Budget	FY 2007 Planned	FY 2008 Planned	FY 2009 Planned	FY 2010 Planned	5 Year Total	Total Project Cost
General	1,596,832	443,285	15,190	568,440	540,000	720,000	650,000	782,210	3,260,650	5,300,767
Gas Tax									0	0
Sales Tax									0	0
Bond									0	0
<b>Sub-total</b>	<b>\$1,596,832</b>	<b>\$443,285</b>	<b>\$15,190</b>	<b>\$568,440</b>	<b>\$540,000</b>	<b>\$720,000</b>	<b>\$650,000</b>	<b>\$782,210</b>	<b>\$3,260,650</b>	<b>\$5,300,767</b>

## ADDITIONAL NOTES

In FY 2006, the County will receive approximately \$114,800 in Buy Back revenue.