

---

**SEMINOLE COUNTY GOVERNMENT  
AGENDA MEMORANDUM**

**SUBJECT:** BCR #08-13 - \$6,563,451 - Environmental Services - Water and Sewer Bonds, Series 2006 and Water and Sewer Operating Fund

**DEPARTMENT:** Fiscal Services

**DIVISION:** Budget

**AUTHORIZED BY:** Lisa Spriggs

**CONTACT:** Lin Polk

**EXT:** 7177

**MOTION/RECOMMENDATION:**

Approve and authorize the Chairman to execute Budget Change Request #08-13 in the Water and Sewer Bonds/Series 2006 and Water and Sewer Operating Fund for the total amount of \$6,563,451, to increase funding for capital projects.

County-wide

Lin Polk

---

**BACKGROUND:**

The various priorities of the Water and Sewer capital project program were recently reviewed with the Consultant. Re-prioritization of certain projects was determined to be in the best interests of the County. The re-prioritization allows currently defined projects with the greatest immediate need to be moved up in the schedule, as well as project increases for revised enhancements. In addition to the re-prioritization of existing projects, additional funding is needed pursuant to the County's contractual commitment with the City of Orlando for the Iron Bridge project. The attached document, *Budget Adjustments for Capital Projects*, provided by the Project Consultants, explains the rationale and impact on each of the projects receiving increased funding.

The primary source of funding is a reduction in the **Yankee Lake Water Reclamation Facility Expansion** project budget, 00195201 for the current year; through deferral of the construction portion of the Yankee Lake Phase II upgrade until FY 2008/09. The current year budget for the Yankee Lake Water Reclamation Facility Expansion project after adjustment is \$22,094,639. Through September 30, 2007, this project had incurred approximately \$2,407,227, resulting in a total current estimate of approximately \$24,501,866 for Phase I of the project.

The remaining source of funding is a reduction in the **Chemical Feed Systems Rehabilitation** project, 00115701. This project is an ongoing series of individual rehabilitation projects, which involves the design, permitting, and installation of chemical feed pumps, tanks, and appurtenances at the various County water treatment plant sites. After the reduction, there will remain approximately \$608,193 in funding for this project in the current year.

The attached Budget Change Request does not impact Fund Reserves.

**STAFF RECOMMENDATION:**

Staff recommends that the Board approve and authorize the Chairman to execute Budget Change Request #08-13 in the Water and Sewer Bonds/Series 2006 and Water and Sewer Operating Fund for the total amount of \$6,563,451 to increase funding for capital projects.

**ATTACHMENTS:**

1. Budget Adjustments for Capital Projects
2. Budget Change Request

<b>Additionally Reviewed By:</b> No additional reviews
---

## Budget Adjustments for Capital Projects

Department: Environmental Services

Date: January 2, 2007

### Transaction No. 1:

Account Number	Project #	Account Title	Amount
087817	00024803	SCADA System Upgrades	\$336,602

- 1) Project Description or Change:** SCADA System Upgrades will implement the recommendations presented in the SCADA System Master Plan. Recommendations include upgrades to equipment and reporting/documentation features.
- 2) Why is the project cost estimate changing?** The SCADA Master Plan was completed in 2007 and recommended SCADA System upgrades for additional reliability and enhancements for product availability.

**3) Project Budget Summary:**

Current year budget	\$461,015
Adjustment amount	\$336,602
Adjusted current year budget	\$797,617
Prior year costs	\$202,440
Future years projected costs	\$168,000

**4) Anticipated Project Schedule:**

Start Date: 02/01/08

Finish Date: 09/30/08

- 5) Funding Source:** Funding source is CIP 195201 GWL Sludge-Yankee Lake Rerate (Account 87817). Funding can be reduced in CIP 195201 due to the phased approach for improvements to the Yankee Lake Water Reclamation Facility. Phase 1 Improvements are currently under construction and Phase 2 Improvements will be designed in FY08. Phase 2 construction will be funded in FY09 as part of the second bond issue.

**Transaction No. 2:**

<b>Account Number</b>	<b>Project #</b>	<b>Account Title</b>	<b>Amount</b>
087817	00056601	Water Plant Rehabilitations	\$175,499

- 1) **Project Description or Change:** Water Plant Rehabilitations includes improvements to existing water treatment facilities. In FY08, projects will include the design of Heathrow WTF improvements, upgrades to aerators at various plants, and SER Control Room Improvements.
- 2) **Why is the project cost estimate changing?** Scope changes have occurred due to the County's review of existing facility conditions.

3) **Project Budget Summary:**

Current year budget	\$1,107,134
Adjustment amount	\$175,499
Adjusted current year budget	\$1,282,633
Prior year costs	\$397,654
Future years projected costs	\$3,081,605

4) **Anticipated Project Schedule:**

Start Date: 02/01/08  
Finish Date: 09/30/11

- 5) **Funding Source:** Funding source is CIP 195201 GWL Sludge-Yankee Lake Rerate (Account 87817). Funding can be reduced in CIP 195201 due to the phased approach for improvements to the Yankee Lake Water Reclamation Facility. Phase 1 Improvements are currently under construction and Phase 2 Improvements will be designed in FY08. Phase 2 construction will be funded in FY09 as part of the second bond issue.

**Transaction No. 3:**

<b>Account Number</b>	<b>Project #</b>	<b>Account Title</b>	<b>Amount</b>
087817	00064501	Water Distribution Upgrades	\$129,252

- 1) **Project Description or Change:** Water Distribution Upgrades include improvements to the existing potable water distribution system. In FY08, additional budget will be used to design a new pipeline to interconnect the Lake Harriet Service Area to the Southwest Service Area.
- 2) **Why is the project cost estimate changing?** Scope change has occurred due to the County decision to interconnect the Lake Harriet service area to the Southwest service area. The interconnect will provide higher reliability and efficiency in facility operations.

3) **Project Budget Summary:**

Current year budget	\$1,511,123
Adjustment amount	\$129,252
Adjusted current year budget	\$1,640,375
Prior year costs	\$583,342
Future years projected costs	\$4,479,186

4) **Anticipated Project Schedule:**

Start Date: 02/01/08  
Finish Date: 09/30/11

- 5) **Funding Source:** Funding source is CIP 195201 GWL Sludge-Yankee Lake Rerate (Account 87817). Funding can be reduced in CIP 195201 due to the phased approach for improvements to the Yankee Lake Water Reclamation Facility. Phase 1 Improvements are currently under construction and Phase 2 Improvements will be designed in FY08. Phase 2 construction will be funded in FY09 as part of the second bond issue.

**Transaction No. 4:**

<b>Account Number</b>	<b>Project #</b>	<b>Account Title</b>	<b>Amount</b>
087817	00065201	Minor Roads Utility Upgrades	\$600,000

- 1) Project Description or Change:** Minor Roads Utility Upgrades include utility relocations due to Public Works Minor Road Projects.
- 2) Why is the project cost estimate changing?** Scope changes are for Environmental Services share of construction inspection cost in Public Works project for Bear Lake Road, change order on Wekiva Springs Road project, design of an interconnect for the Wekiva Springs Road project to improve fire flow and two new design projects initiated by Public Works.

**3) Project Budget Summary:**

Current year budget	\$1,038,361
Adjustment amount	\$600,000
Adjusted current year budget	\$1,638,361
Prior year costs	\$847,523
Future years projected costs	\$3,750,000

**4) Anticipated Project Schedule:**

Start Date: 02/01/08  
Finish Date: 09/30/11

- 5) Funding Source:** Funding source is CIP 195201 GWL Sludge-Yankee Lake Rerate (Account 87817). Funding can be reduced in CIP 195201 due to the phased approach for improvements to the Yankee Lake Water Reclamation Facility. Phase 1 Improvements are currently under construction and Phase 2 Improvements will be designed in FY08. Phase 2 construction will be funded in FY09 as part of the second bond issue.

**Transaction No. 5:**

<b>Account Number</b>	<b>Project #</b>	<b>Account Title</b>	<b>Amount</b>
087817	00083101	Collection System Upgrades	\$341,969

1) **Project Description or Change:** Collection System Upgrades include improvements to the wastewater collection system based on recommendations from the Seminole County Wastewater Master Plan (Reiss Environmental, July 2007). In FY08, the following projects are scheduled: Design of Mikler Road Force Main, Design and Construction Award of Fox Hollow Improvements, and Design and Construction Award of Force Main Upgrade from Dike Road to Consumers Pump Station.

2) **Why is the project cost estimate changing?** Scope change has occurred due to recommendations in the Wastewater Master Plan (Reiss Environmental, July 2007).

3) **Project Budget Summary:**

Current year budget	\$862,119
Adjustment amount	\$341,969
Adjusted current year budget	\$1,204,088
Prior year costs	\$164,597
Future years projected costs	\$4,242,883

4) **Anticipated Project Schedule:**

Start Date: 02/01/08

Finish Date: 09/30/11

5) **Funding Source:** Funding source is CIP 195201 GWL Sludge-Yankee Lake Rerate (Account 87817). Funding can be reduced in CIP 195201 due to the phased approach for improvements to the Yankee Lake Water Reclamation Facility. Phase 1 Improvements are currently under construction and Phase 2 Improvements will be designed in FY08. Phase 2 construction will be funded in FY09 as part of the second bond issue.

**Transaction No. 6:**

<b>Account Number</b>	<b>Project #</b>	<b>Account Title</b>	<b>Amount</b>
087817	00193201	Fire Flow Improvements	\$71,480

1) **Project Description or Change:** Fire Flow Improvements include upgrades to water distribution system to improve fire protection. In FY08, projects will include continued upgrade of County fire hydrants.

2) **Why is the project cost estimate changing?** Scope change was due to additional locations for fire hydrant replacement identified by Environmental Services.

3) **Project Budget Summary:**

Current year budget	\$301,660
Adjustment amount	\$71,480
Adjusted current year budget	\$373,140
Prior year costs	\$411,609
Future years projected costs	\$250,000

4) **Anticipated Project Schedule:**

Start Date: 02/01/08

Finish Date: 09/30/09

5) **Funding Source:** Funding source is CIP 195201 GWL Sludge-Yankee Lake Rerate (Account 87817). Funding can be reduced in CIP 195201 due to the phased approach for improvements to the Yankee Lake Water Reclamation Facility. Phase 1 Improvements are currently under construction and Phase 2 Improvements will be designed in FY08. Phase 2 construction will be funded in FY09 as part of the second bond issue.

**Transaction No. 7 and 8:**

<b>Account Number</b>	<b>Project #</b>	<b>Account Title</b>	<b>Amount</b>
087817	00201501	Potable Well Improvements	\$56,297
087805	00201501	Potable Well Improvements	\$141,821

- 1) **Project Description or Change:** Potable Well Improvements include upgrades to existing potable supply wells. In FY08, improvements to the Lake Hayes well field will be completed.
- 2) **Why is the project cost estimate changing?** Investigation of several well fields identified well head improvements and casing repairs. Additional funds required to continue improvements in FY08.

3) **Project Budget Summary:**

Current year budget	\$546,237
Adjustment amount	\$198,118
Adjusted current year budget	\$744,355
Prior year costs	\$764,070
Future years projected costs.	\$517,500

4) **Anticipated Project Schedule:**

Start Date: 02/01/08  
 Finish Date: 09/30/09

- 5) **Funding Source:** Funding source is CIP 115701 Chemical Feed System Upgrade (Account 87817 and 87805). Funding can be reduced in CIP 115701 due to completion of work under this CIP. In the future, additional chemical feed system improvements will be funded under other CIPs specific to water treatment plant improvements.

**Transaction No. 9:**

<b>Account Number</b>	<b>Project #</b>	<b>Account Title</b>	<b>Amount</b>
087817	00219701	SR 46 Force Main Upgrade	\$1,258,566

1) **Project Description or Change:** SR46 Force Main Upgrade includes replacement of the existing forced main on SR 46 from Yankee Lake Road to Orange Boulevard. Improvements to the reclaimed water distribution system will also be incorporated. The improvements to the wastewater collection and reclaimed water system are based on recommendations from the Seminole County Wastewater Master Plan (Reiss Environmental, July 2007) and the Seminole County Reclaimed Water Master Plan (Reiss Environmental, April 2007), respectively.

2) **Why is the project cost estimate changing?** Design of project was originally scheduled for FY09, but schedule has been accelerated due to recommendations in Wastewater Master Plan.

3) **Project Budget Summary:**

Current year budget	\$0
Adjustment amount	\$1,258,566
Adjusted current year budget	\$1,258,566
Prior year costs	\$0
Future years projected costs	\$10,068,526

4) **Anticipated Project Schedule:**

Start Date: 02/01/08  
Finish Date: 09/30/10

5) **Funding Source:** Funding source is CIP 195201 GWL Sludge-Yankee Lake Rerate (Account 87817). Funding can be reduced in CIP 195201 due to the phased approach for improvements to the Yankee Lake Water Reclamation Facility. Phase 1 Improvements are currently under construction and Phase 2 Improvements will be designed in FY08. Phase 2 construction will be funded in FY09 as part of the second bond issue.

**Transaction No. 10:**

<b>Account Number</b>	<b>Project #</b>	<b>Account Title</b>	<b>Amount</b>
087817	00216401	Iron Bridge Agreement	\$3,451,965

- 1) **Project Description or Change:** The Iron Bridge Agreement with the City of Orlando requires Seminole County to fund a portion of upgrades to the Iron Bridge Water Reclamation Facility. Seminole County owns 8.5 mgd in treatment capacity at the facility.
- 2) **Why is the project cost estimate changing?** Seminole County has recently been informed by the City of Orlando of additional facility upgrades that will be required.

3) **Project Budget Summary:**

Current year budget	\$630,185
Adjustment amount	\$3,451,965
Adjusted current year budget	\$4,082,150
Prior year costs	
Future years projected costs.	

4) **Anticipated Project Schedule:**

Start Date: 2/01/08  
Finish Date:9/30/10

- 5) **Funding Source:** Funding source is CIP 195201 GWL Sludge-Yankee Lake Rerate (Account 87817). Funding can be reduced in CIP 195201 due to the phased approach for improvements to the Yankee Lake Water Reclamation Facility. Phase 1 Improvements are currently under construction and Phase 2 Improvements will be designed in FY08. Phase 2 construction will be funded in FY09 as part of the second bond issue.

**\*\*\*SEMINOLE COUNTY BUDGET REQUEST\*\*\***

Budget Division Use only:

**DATE:** 1/7/08  
**FROM: Department** Environmental Services  
**Division** Planning, Engineering and Inspection

<b>BCR</b>	<input checked="" type="checkbox"/>	08-13

**WHAT IS NEEDED:**

- Accounting adjustment: Item is budgeted, but funds are in incorrect account line.
- More funds for Budgeted Item: Item is budgeted, but additional funds are required.
- New item: Item is not in this fiscal year's budget.
- Operational Adjustment (Transfer or Savings to cover overage)
- Project reclass, Must be within same Project Number

**Detailed Explanation:** Re-prioritization/revalidation of various water and sewer capital projects:

	<u>Fund #</u>	<u>Fund Name</u>	<u>Water and Sewer Bond Fund/Operating Fund</u>	
	<u>FUND/ACCOUNT NUMBER</u>	<u>Project #</u>	<u>ACCOUNT TITLE</u>	<u>AMOUNT</u>
<b>TRANSFER FROM</b>	40105.087817.560650	00195201	Construction In Progress	\$ 6,365,333
	40105.087817.560650	00115701	Construction in Progress	56,297
	40100.087805.560650	00115701	Construction in Progress	141,821
			<b>TOTAL</b>	<b>\$6,563,451</b>

	<u>FUND/ACCOUNT NUMBER</u>	<u>Project #</u>	<u>ACCOUNT TITLE</u>	<u>AMOUNT</u>
<b>TRANSFER TO</b>	40105.087817.560650	00024803	Construction In Progress	\$ 336,602
	40105.087817.560650	00056601	Construction In Progress	175,499
	40105.087817.560650	00064501	Construction In Progress	129,252
	40105.087817.560650	00065201	Construction In Progress	600,000
	40105.087817.560650	00083101	Construction In Progress	341,969
	40105.087817.560650	00193201	Construction In Progress	71,480
	40105.087817.560650	00201501	Construction In Progress	56,297
	40100.087805.560650	00201501	Construction In Progress	141,821
	40105.087817.560650	00219701	Construction In Progress	1,258,566
	40105.087817.560650	00216401	Construction In Progress	3,451,965
			<b>TOTAL</b>	<b>\$6,563,451</b>

**CONCURRENCE OF OTHER INVOLVED DIVISIONS** (ie: IT (hardware/software); Fleet/Vehicles; Purchasing/Capital; Support Svcs; etc)

Approval Date \_\_\_\_\_ Department/Division \_\_\_\_\_

**RECOMMENDATION:**  Approval Date 12/26/07 Analyst K Huffman Budget Manager \_\_\_\_\_

**APPROVING AUTHORITY:**  FS Director  County Manager  BCC Meeting Date 1/22/2008

Approved  Disapproved Date Signed \_\_\_\_\_ Signature \_\_\_\_\_

**FINANCE:** Transfer has been posted Date \_\_\_\_\_ Signature \_\_\_\_\_