

Phillippi Creek Septic System Replacement Program (PCSSRP)
Quarterly Executive Summary
September 2005

Completed to Date:

Area E. The Area E wastewater collection system for 577 connections was completed in February 2003 at a cost of \$5.1 million. 84 percent (482 connections) of the existing homes and businesses have been connected to the system.

Construction Activities:

Area A. The Area A project will make central sewer and water available to approximately 1,125 and 300 connections, respectively. Construction started in April 2004 and is projected to be complete in early 2006. Construction is ongoing and is approximately 86% complete, including installation of water lines, gravity sewer, force main, vacuum pump station, vacuum mains and vacuum valve pits. Construction engineering management and engineer of record services are being provided by Baskerville Donovan, Inc. (BDI). Initially, wastewater flow from Area A will be sent to the Meadowood Water Reclamation Facility (WRF). Upon completion of the University/I-75 Force Main Phase 2 pipeline project, wastewater flow will be sent to the Bee Ridge WRF.

Area F. The Area F project will make central sewer available to approximately 1,063 homes. The Notice to Proceed for Area F was issued on October 11, 2004. Substantial Completion is estimated to be in October 2005 with Final Completion scheduled for November 2005. Current Construction is ongoing and is approximately 95% complete as of September 1, 2005. A low pressure system is needed in some Area F locations because lot elevation and extensive lateral run lengths prohibit the use of a vacuum system. To mitigate costs to affected lot owners, currently the County has assumed responsibility (both physical and financial) for installation of the pump chamber. Informational packets pertaining to the PCSSRP progress were prepared and distributed to the community in January 2005. An informational/instructional seminar was conducted for local plumbers on August 11, 2005 on the proper installation methods for on-site gravity connections.

The combined three construction projects of Areas E, A, and F will make central sewers available to nearly 2,765 homes.

Ongoing Activities:

Area B. The Area B project will make central sewer available to approximately 106 homes. The design, originally prepared by Greeley & Hansen with a combination of gravity and vacuum sewers, is being modified to serve the entire area with low pressure systems. With no local County pipelines and the area's proximity to the AquaSource franchise area, wastewater flow from Area B is expected to be discharged to the AquaSource sewer system. Negotiations with AquaSource to arrive at a bulk user agreement are on-going.

Area C. The Area C project will make central sewer available to approximately 694 homes. The Area C design was completed by BDI in July 2004 but it is currently undergoing modifications to enhance constructability and lessen easement acquisition requirements. Construction is anticipated to commence in February 2006 based on obtaining all necessary easements. Construction will coincide with the construction of the Bahia Vista force main and road-widening project which will allow Area C wastewater to be treated at the newly expanded Bee Ridge WRF.

Area D. The Area D project will make central sewer available to approximately 1,485 connections. G&H is preparing the engineering design for Area D and is 55% complete. Joint City of Sarasota/County Commission meetings are on-going and include discussions involving Area D sewer and water issues. An inter-local agreement for proposed sewer service in Sub-area D1, the majority of which is currently served by City water, is being prepared to further these discussions. Sub-area D1 will be designed as a gravity system with collected flows pumped to either the South Gate master pump station or to the City of Sarasota. The remaining areas will be served by vacuum collection. Construction of Area D is not scheduled to begin until FY07.

Area K. The Area K project will make central sewer available to approximately 2,650 connections. The engineering design for Area K began in September 2004 by BDI and is 75% complete with completion scheduled for January 2006. Wastewater flow from Area K will be treated at the Bee Ridge WRF and will be pumped there via a new transfer pump station to be constructed near the Atlantic WRF. The new transfer pump station will be constructed to coincide with the completion of the Bahia Vista force main project. Construction for Area K is scheduled to start in FY06. Informational packets pertaining to the PCSSRP progress were prepared and distributed to the community in late August and early September 2005. Three Area K open houses have been held and a fourth is scheduled for October 19, 2005. The open houses are held to allow homeowners to ask questions of staff regarding costs, financing, vacuum technology and design/construction related issues.

Area N. The Area N project will make central sewer available to approximately 1,949 connections. Area N will be the first project assigned from the Call for Professional Services advertised in December 2004 for Engineering Services for Various Areas of the Phillippi Creek Septic System Replacement Program. The Professional Services Recommendation Committee is recommended the firm of Giffels-Webster Engineers to the Board of County Commissioners for approval. A scope and fee are currently under negotiation for the design. Construction of Area N is expected to start in FY07. Wastewater collected from Area N will be pumped to the Central County WRF.

Wastewater Transmission & Treatment. A number of critical transmission and treatment plant expansion projects are needed to collect and treat wastewater collected in the PCSSRP. The expansion of the Bee Ridge WRF is now complete resulting in an increase in treatment capacity from 2.1 to 9.0 mgd (million gallons per day) on a maximum monthly average daily flow basis (MMADF). The Central County WRF will be undergoing an expansion from 4.0 to 5.4 mgd MMADF. The engineering design for the expansion of Central County WRF began in July 2004 with Carollo Engineers and is approximately 90% complete.

Transmission projects include several new pump stations and force mains. PBS&J and MWH were given the notice to proceed in December 2004 for the design of the demolition and

replacement with master pump stations for the South Gate and Gulf Gate plants, respectively. Design for both decommissioning projects will be completed by the end of 2005 and construction of replacement pump stations complete in FY07. The Bahia Vista force main (from Hines Avenue to Cattlemen Road) project has been segmented into two phases to integrate concurrent County projects. Phase I (from Hines to McIntosh) will advertise for bid in October 2005 to attempt to have Beneva area construction completed prior to the commencement of the Pinecraft Neighborhood Revitalization Project. Phase II is an integrated Public Works and Environmental Services force main and road widening design and construction project along Bahia Vista from McIntosh to Cattlemen. Originally started as separate projects, combining the Bahia Vista force main and road improvements into a single integrated design/construction project is expected to minimize impact to residents and result in construction cost savings. Construction of Phase II is scheduled to commence in early 2006 with completion in mid 2007.

FY06-FY10 Budget Activities:

Schedule A, attached, depicts the current FY06-FY10 PCSSRP Budget. As shown, the total Budget is \$134.9 million, an increase of \$24.7 million over the FY05-FY09 Budget. The increase is attributable to two factors:

1. An additional 1,378 hookups based on updated GIS maps and parcel counts.
2. An updated cost projection of the remaining program based on the actual average cost per EDU of Areas E, A, and F. In prior budgets the areas not under design were based on the original Hazen & Sawyer estimates escalated for inflation.

Managerial and tactical changes resulting in more in-house program management and construction services are helping to reduce budgetary increases.

Funding Review:

Schedule A shows the total estimated funding for the PCSSRP by area. Areas E, A, and F (all complete or nearly complete) had a total cost of \$22.8 Million or \$8,246 per EDU. The funding breakdown for these three areas is SRF debt 37%, Grants 23%, and local funds 40% (rates and surtax).

The procurement of grants is a critical funding issue. After the completion of Areas A and F, in FY06, the majority of grant funds obtained-to-date by either EPA or FDEP will be exhausted (\$6.2 million). An additional \$8.1 million in grants is projected over the life of the project, a very conservative amount, with no guaranty. The additional debt burden to the Utility caused by not receiving the amount of grants projected would likely cause a delay in the program.

Web Site Update:

The MyCentralSewer.org web site was updated in mid-September 2005 to include a homeowner's guide, information relative to Area K residents, and the presentation from the plumber's workshop for vacuum connections. The new Homeowner's Guide to the Phillippi Creek Septic System Replacement Program video will be posted to the web site within the next several weeks. We plan to expand the web site and make it more user-friendly in the next several months.

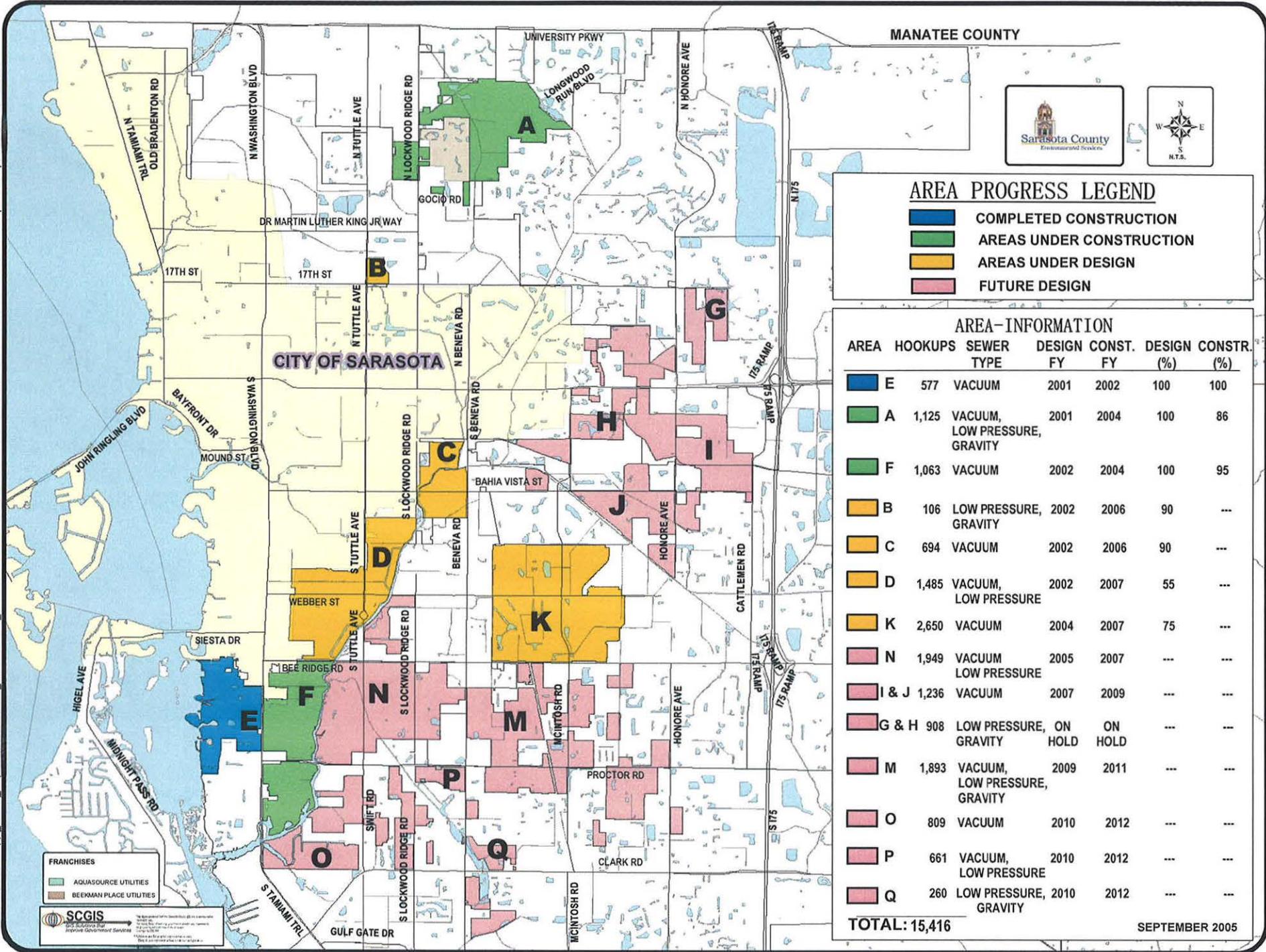
SCHEDULE A
Executive Summary
PCSSRP FY06-FY10 Budget
September 30, 2005

Budgeted Hookups (1)	Area	Design Start per FY06-FY10	Constr Start per FY06-FY10	Cost Per FY06- FY10 Budget (3)	Funding					
					Rates	Grants	Surtax	SRF Precon	SRF Constr	Total Funding
577	E	FY01	FY02	5,113,614	381,281	-	3,722,333	1,010,000	-	5,113,614
1125	A	FY01	FY04	7,762,808	1,231,284	3,883,443	1,402,081	1,246,000	-	7,762,808
1063	F	FY02	FY04	9,902,095	85,000	1,458,672	2,034,259	200,000	6,124,164 (5)	9,902,095
106	B	FY02	FY06	1,522,000	102,000	-	-	155,000	1,265,000	1,522,000
694	C	FY02	FY06	5,394,246	165,000	341,785	4,292,461	595,000	-	5,394,246
1485	D	FY02	FY07	14,306,100	350,000	2,350,000 (4)	4,095,539	956,381	6,554,180	14,306,100
2650 (2)	K	FY04	FY07	15,847,318	25,113	1,450,000 (4)	4,744,000	2,000,000	7,628,205	15,847,318
1949	N	FY05	FY07	16,265,545	34,719	-	-	1,000,000	15,230,826	16,265,545
1236	I & J	FY07	FY09	10,647,231	-	1,450,000 (4)	5,224,000	2,579,209	1,394,022	10,647,231
908	G & H	On Hold	On Hold	8,071,983	-	-	-	-	8,071,983	8,071,983
1893	M	FY09	FY11	19,322,047	-	1,450,000 (4)	3,264,000	-	14,608,047	19,322,047
809	O	FY10	FY12	7,819,761	-	1,450,000 (4)	-	-	6,369,761	7,819,761
661	P	FY10	FY12	6,389,199	-	-	-	-	6,389,199	6,389,199
260	Q	FY10	FY12	2,513,149	-	-	-	-	2,513,149	2,513,149
15,416										
	Total Design/Construction			130,877,096						
	Total Program Management			4,092,593	3,592,593	500,000	-	-	-	4,092,593
	Total CIP Budget			134,969,689	5,966,990	14,333,900	28,778,673	9,741,590	76,148,536	134,969,690

- (1) Based on current GIS maps and updated parcel count. This is an increase of 1,378 hookups from the FY05-FY09 Budget.
- (2) Area K design has updated the hookup count to 2650 in 4th quarter FY05, an increase of 32.
- (3) Represents an increase of \$24.7 million over the FY05-FY09 projection. \$15 million is attributable to 1,378 additional hookups and \$9.7 million is from higher design and construction costs than previously projected.
- (4) These grant receipts are projected and are not guaranteed revenue, especially in the current economic climate. Grants not received will cause borrowing to increase to the extent coverage ratios will allow.
- (5) This Area F SRF loan will appear as a \$7 Million loan in the appropriated budget because the standard SRF loan includes considerable contingency and administrative/technical allowance. It is projected that only \$6,124,164 will be requested for reimbursement from FDEP.

QUARTERLY EXECUTIVE SUMMARY MAP FOR PHILLIPPI CREEK SEPTIC SYSTEM REPLACEMENT PROGRAM

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AREA PROGRESS LEGEND

- COMPLETED CONSTRUCTION
- AREAS UNDER CONSTRUCTION
- AREAS UNDER DESIGN
- FUTURE DESIGN



AREA- INFORMATION

AREA	HOOKUPS	SEWER TYPE	DESIGN FY	CONSTR. FY	DESIGN (%)	CONSTR. (%)
E	577	VACUUM	2001	2002	100	100
A	1,125	VACUUM, LOW PRESSURE, GRAVITY	2001	2004	100	86
F	1,063	VACUUM	2002	2004	100	95
B	106	LOW PRESSURE, GRAVITY	2002	2006	90	---
C	694	VACUUM	2002	2006	90	---
D	1,485	VACUUM, LOW PRESSURE	2002	2007	55	---
K	2,650	VACUUM	2004	2007	75	---
N	1,949	VACUUM LOW PRESSURE	2005	2007	---	---
I & J	1,236	VACUUM	2007	2009	---	---
G & H	908	LOW PRESSURE, GRAVITY	ON HOLD	ON HOLD	---	---
M	1,893	VACUUM, LOW PRESSURE, GRAVITY	2009	2011	---	---
O	809	VACUUM	2010	2012	---	---
P	661	VACUUM, LOW PRESSURE	2010	2012	---	---
Q	260	LOW PRESSURE, GRAVITY	2010	2012	---	---

TOTAL: 15,416

SEPTEMBER 2005

FRANCHISES

- AQUASOURCE UTILITIES
- BEEKMAN PLACE UTILITIES



Phillippi Creek Septic System Replacement Program

