



BEAUFORT COUNTY STORMWATER MANAGEMENT UTILITY BOARD Wednesday, May 1, 2013 2:00 p.m. Conference Room, Building 2, Beaufort Industrial Village 102 Industrial Village Road, Beaufort 843.255.2801

In accordance with South Carolina Code of Laws, 1976, as amended, Section 30-4-80(d), all local media was duly notified of the time, date, place and agenda of this meeting.

- 1. CALL TO ORDER 2:00 p.m.
 - A. Approval of Agenda
 - B. Approval of Minutes March 6, 2013 (backup)
 - C. Approval of Minutes April 3, 2013
- 2. INTRODUCTIONS
- 3. PUBLIC COMMENT
- 4. REPORTS
 - A. Monitoring Update Bob Klink
 - B. Utility Update Bob Klink
 - C. Upcoming Professional Contracts Report Rob McFee
 - D. Financial Report Alan Eisenman (backup)
 - E. Maintenance Project Report Eddie Bellamy (backup)
 - F. Stormwater Manager (Status) Rob McFee
- 5. UNFINISHED BUSINESS A. Regional Coordination – Rob McFee
- 6. NEW BUSINESS
- 7. PUBLIC COMMENT
- 8. NEXT MEETING AGENDA (backup) A. June 5, 2013
- 9. ADJOURNMENT





Beaufort County Stormwater Management Utility Board (SWMU Board) **Meeting Minutes**

March 6, 2013 at 2:00 p.m. in Beaufort County Council Chambers Draft March 21, 2013

Board Members		Ex-Officio Members				
Present Don Smith Donald Cammerata James Fargher	Absent William Bruggeman John Youmans Patrick Mitchell Allyn Schneider	Present Andy Kinghorn Ron Bullman Scott Liggett	Absent Tony Maglione			
Beaufort County Sta Lori Sexton	aff	Visitors Paul Moore, W	Ward Edwards			

Bob Klink Rob McFee **Danny Polk**

Eddie Bellamy

Laura Lee Rose, Clemson Extension Denise Parsick, BC S&W Conservation Distr. Reed Armstrong, Coastal Conservation League Lamar Taylor, City of Beaufort

County Council

1. Meeting called to order – Don Smith

- A. Agenda Not approved; no quorum.
- **B.** Minutes Not approved; no quorum.

2. Introductions – Completed

3. Public Comment – Laura Lee Rose informed the Board of an intern at the College of Charleston that has been working with Katie Giacalone (Carolina Clear) and put together "Stormwater Pond Maintenance and Resources Log". Laura Lee Rose said these would be useful for Stormwater Managers, property owners association, Boards who have stormwater ponds, etc... She has a box of them if anyone was interested in having one.

4. Reports

A. Monitoring Annual Report – Bob Klink

Mr. Klink reported that there have been a couple of sampling events with all the rainy weather. Next GEL Monitoring Meeting is March 26, 2013 at 1:30 at PW Conference Room. Will be checking on progress with USCB with their lab and purchasing equipment.

B. Utility Updates – Bob Klink

Mr. Klink reported that there will be another webcast at BIV 2 titled "Smart Stormwater Retrofitting in the Urban Environment" March 13th from 12 – 2pm.

C. Upcoming Professional Contracts Report – Rob McFee

Mr. McFee reported that there are no upcoming contracts. Informed the Board that we are in the process for the court house retrofits, working on the contract documents. Design is complete but we're working with

Andrews & Burgess and part of their scope of services, already approved by the Board and that this should go out for bid next month.

Mr. Andy Kinghorn asked if there had been any movement with a new Stormwater Manager and Mr. McFee said not at this time.

D. Financial Reports – Mr. McFee said there will be no report this month.

E. Inspector Report – Danny Polk

Mr. Polk reported his updates for monitoring, other initiatives, special projects and future inspector activities. Mr. Donald Cammerata asked regarding the data when they will see analysis. Mr. Polk said because of the setbacks in the field it will take time to process. Hopefully in the next 2 - 3 months, that's an estimate however he and Dr. Badr need to get together to go over some issues. Mr. Don Smith wanted to know if monitoring was done on Huspah. Mr. Polk told him that there was not too much done there. There have been samples right when the water comes out of the pond but it always shows up clean. Duncan Farms may be another area to look at, doesn't carry a lot of water but it moves and doesn't puddle. Mr. Reed Armstrong wanted to know what the impairment was on Huspah Creek and Mr. Polk told him it was bacteria.

F. Maintenance Project Reports – Eddie Bellamy

Mr. Bellamy reported (1) major project: Ball park Road/Village Creek Outfall Phase I and (16) minor and/or routine maintenance projects in shortened format.

Mr. Bellamy told the Board how they fared with the weather last month. The Beaufort Gazette reported last week that we had experienced record rainfall in the month of February. Our gauge at Public Works showed 12.57 inches for the month, including 6.09 inches Saturday, Feb 23, through noon Tuesday, Feb 26. Last Tuesday was wettest he had seen the surface of Beaufort County in the past 11 years. With all that rain, we did not have one county road fail. They became really messy, but they remained passable. Mr. Bellamy said he attributed that to several factors. First, we developed a source of road-maintenance quality dirt about two years ago. Second, our road maintenance sections have done a great job adding dirt where necessary, shaping the roads properly, and working to keep the roadside drainage in good shape, and identifying areas where they needed the assistance of the SW Infrastructure section. And third, the work that the SW infrastructure section has been doing to maintain and improve our drainage systems is paying off.

Mr. Donald Cammerata asked Mr. Bellamy if he knew what the material was that's being pulled out of the catch basins and if it was natural material or discarded trash. Mr. Bellamy said they were always pulling out vegetation and dirt. Mr. Andy Kinghorn asked what was done with the trash and Mr. Bellamy said it gets to the landfill.

Mr. James Fargher said that most of the projects reported are small, have all the major projects been completed? Mr. Bellamy replied that there are still major projects to be done but have not been able to get an easement and also we don't have many areas that are catastrophic flooding.

5. Unfinished Business

A. Regional Coordination -

Mr. McFee reported:

- 1) Closed loop with Gray family on Battery Creek Retrofit, they are ready to get started;
- 2) Okatie East Paul Moore to update made contact with the Army Corp. and their processing the permit as a nationwide permit, 6-8 weeks out to start construction if the permit comes in next week;

- 3) U.S. 278 Retrofits Meeting set for later this week with Consultant on the almost final design;
- 4) USCB progress Mr. Klink updated earlier;
- 5) Capehart Circle Drainage Easement County going for renewal at the next Public Facility Committee Meeting.
- 6. New Business Did not discuss with no quorum.
- **7. Public Comment** Mr. Don Smith said that "Dude" magazine had an article on monitoring, partnership with Bluffton, Stormwater and the Waddell Center. This is a free paper and he was glad to see they were trying to give some exposure to the sporting community.

Ms. Denise Parsick wanted to brag that BC S&W Conservation District was named the "Outstanding Conservation" for the state of South Carolina at their annual convention. Also, their district manager Shelby Berry was named "Outstanding Employee". A lot of it is due to their involvement with stormwater , water quality and the things that go on with Beaufort County.

- 8. Next meeting agenda Not approved; no quorum.
- 9. Meeting adjourned.

Beaufort County Stormwater Management Utility Board (SWMU Board) Meeting Minutes

April 3, 2013 at 2:00 p.m. in Beaufort County Council Chambers Draft April 23, 2013

Board Members		Ex-Officio Members			
Present	Absent	Present	Absent		
Allyn Schneider	Don Smith	Ron Bullman	Tony Maglione		
William Bruggeman	James Fargher	Scott Liggett	Andy Kinghorn		
John Youmans	Donald Cammerata				
Patrick Mitchell					
Beaufort County Staff		Visitors			
Eddie Bellamy		Paul Moore, Ward Edwards			

Eddie Bellamy Carolyn Wallace Cynthia Martin

County Council

1. Meeting called to order – Allyn Schneider

- A. Agenda Approved
- **B.** Minutes February 6, 2013 Minutes were approved; March 6, 2013 Minutes were deferred until May SWMU Board meeting.
- 2. Introductions Completed

3. Public Comment – None

4. Reports

A. Monitoring Annual Report – Carolyn Wallace for Bob Klink Deferred until May SWMU Board meeting.

B. Utility Updates – Carolyn Wallace for Bob Klink

Mr. Klink reported that there will be another webcast at BIV 2 titled "Watershed Arithmetic – Watershed Practices & TMDL Goals" April 17th from 12 – 2pm.

C. Upcoming Professional Contracts Report – Carolyn Wallace for Rob McFee Deferred until May SWMU Board meeting.

D. Financial Reports - Carolyn Wallace

Reported that Alan Eisenman will be at the next Board meeting in May and requested the Board to defer any questions until then.

E. Maintenance Project Reports – Eddie Bellamy

Mr. Bellamy reported (2) major projects: Ball park Road/Village Creek Outfall Phase II and Peace Haven Drive Outfall with (8) minor and/or routine maintenance projects in shortened format.

Allyn Schneider asked Eddie Bellamy what the status was for the Stormwater Manager. Mr. Bellamy replied that was a question for Rob McFee.

Allyn Schneider requested that the Stormwater Manager status be added to next month's board meeting under Reports.

5.Unfinished Business - Carolyn Wallace for Rob McFee

A. Regional Coordination

Mrs. Wallace reported that SWIC met in March and that the meeting went well, she had been there to report the Stormwater Budget.

6. New Business – Carolyn Wallace

A. FY 2014 Budget Presentation

Mrs. Wallace reported on the 2014 Budget and discussed Revenue Source, Administration Budget, and Utility Activities. Mrs. Wallace also discussed in further detail with Lidar costs.

7. Public Comment – None

8. Next meeting agenda – May 1, 2013

9. Meeting adjourned.

UNAUDITED AND PRELIMINARY

BEAUFORT COUNTY, SOUTH CAROLINA STATEMENT OF NET ASSETS Stormwater Utility March 31, 2013 & March 31, 2012

	March 31, 2013		March 31, 2012	
ASSETS				
Current Assets Cash and Investments with Trustee	\$	3,267,837	\$	2,867,032
Receivables, Net		2,334		-
Inventories		102,941		119,640
Prepayments		-		489
Total Current Assets		3,373,112		2,987,161
Capital Assets		2,798,955		2,798,912
Accumulated Depreciation		(2,003,094)		(1,731,443)
		795,861		1,067,469
Total Assets	\$	4,168,973	\$	4,054,630
LIABILITIES Liabilities		101,072		25 515
Account Payable Accrued Payroll		34,216		35,515 56,003
Accrued Compensated Absences		6,247		4,470
Total Current Liabilities		141,535		95,988
Long Term Liabilities				
Accrued Compensated Absences		63,160		70,038
Net Other Postemployment				
Benefits Obligation		681,684		569,398
Total Long Term Liabilities		744,844		639,436
Total Liabilities		886,379		735,424
<u>NET ASSETS</u> Invested in Capital Assets, Net				
of Related Debt		795,861		1,067,469
Reserved for Encumbrances		383,922		228,754
Unrestricted		2,102,811		2,022,983
Total Net Assets	\$	3,282,594	\$	3,319,206

Unaudited and Preliminary BEAUFORT COUNTY, SOUTH CAROLINA STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS Stormwater Utility For the Period Ended March 31, 2013

					Percent
	Budget			Budget to	of
	FY 2013	March 31, 2013		Actual	Budget
Operating Revenues					
Stormwater Utility Fees	\$ 3,469,180	\$	2,907,517	(561,663)	84%
Stormwater Utility Project Billings	370,664		19,900	(350,764)	5%
Total Operating Revenues	3,839,844		2,927,417	(912,427)	76%
Operating Expenses					
Personnel	2,014,323		1,361,538	(652,785)	68%
Purchased Services	1,296,188		611,862	(684,326)	47%
Supplies	426,597		199,905	(226,692)	47%
Depreciation	273,545		205,164	(68,381)	75%
Total Operating Expenses	4,010,653		2,378,469	(1,632,184)	59%
Operating Income (Loss)	(170,809)		548,948	719,757	-321%
Non-Operating Revenues (Expenses)					
Interest Earned	11,389		-	(11,389)	0%
Total Non-Operating Revenues (Expenses)	11,389		-	(11,389)	0%
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Change in Net Assets	(159,420)		548,948	708,368	-344%
- · · · · · · · · · · · · · · · · · · ·	(,,				0.170
Net Assets, Beginning	2,733,646		2,733,646		
	2,1 30,0 10		2,100,010		
Net Assets, Ending	\$ 2,574,226	\$	3,282,594	708,368	128%
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Unaudited and Preliminary BEAUFORT COUNTY, SOUTH CAROLINA STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS Stormwater Utility For the Period Ended March 31, 2012

					Percent
		Budget		Budget to	of
		FY 2012	 March 31, 2012	Actual	Budget
Operating Revenues					
Stormwater Utility Fees Stormwater Utility Project Billings	\$	3,344,133 64,278	\$ 2,969,131	(375,002) (64,278)	89% 0%
Total Operating Revenues		3,408,411	 2,969,131	(439,280)	87%
Operating Expenses					
Personnel		1,986,780	1,343,681	(643,099)	68%
Purchased Services		770,938	497,617	(273,321)	65%
Supplies		426,223	235,985	(190,238)	55%
Depreciation		285,859	216,571	(69,288)	76%
Total Operating Expenses		3,469,800	 2,293,854	(1,175,946)	66%
Operating Income (Loss)		(61,389)	675,277	736,666	-1100%
Non-Operating Revenues (Expenses)					
Gain (Loss) on Sale of Capital Assets		50,000	50,000	-	100%
Interest Earned		11,389	-	(11,389)	0%
Total Non-Operating Revenues (Expenses)		61,389	 50,000	(11,389)	100%
Change in Net Assets		-	725,277	725,277	-100%
Net Assets, Beginning		2,593,929	 2,593,929		
Net Assets, Ending	\$	2,593,929	\$ 3,319,206	725,277	128%

Project Summaries

May 2013



Beaufort County Public Works Stormwater Infrastructure Project Summary

Project: Ogden Court Outfall

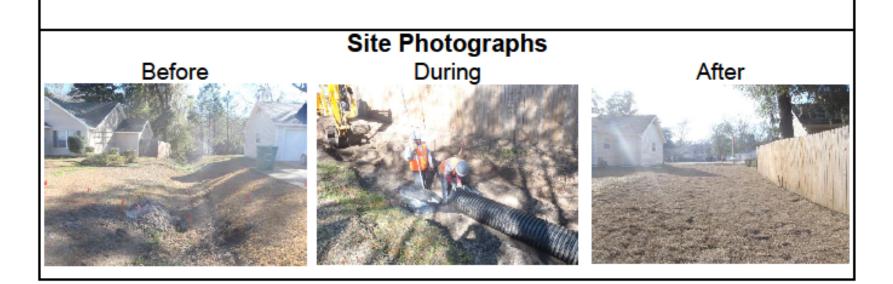
Completed: Feb-13

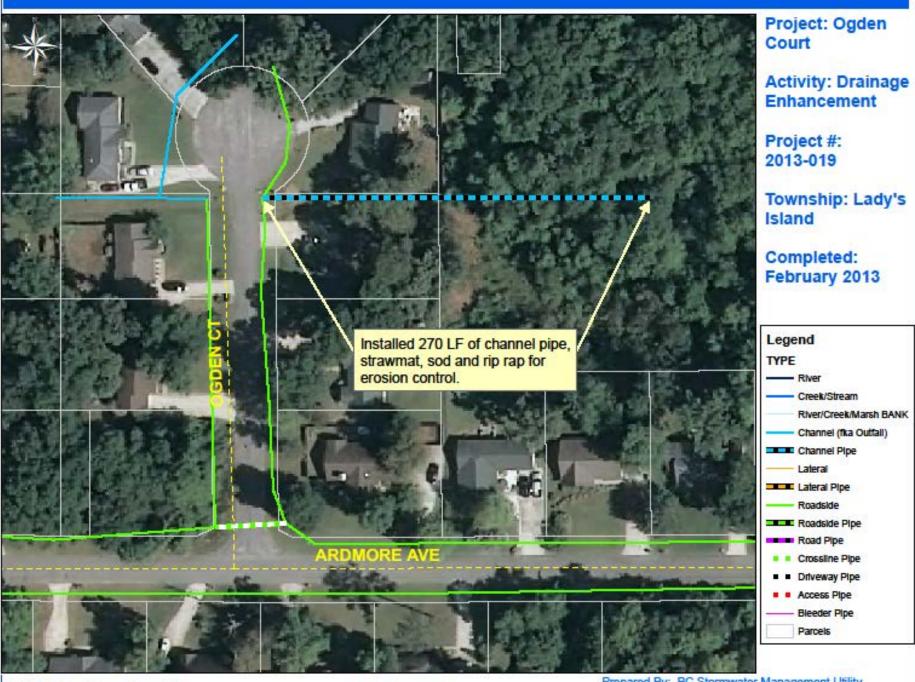
Project #: 2013-019

Project Total: \$17,542.19

Narrative Description of Project:

Project improved 270 L.F. of drainage system. Installed 270 L.F. of channel pipe, strawmat, sod and rip rap for erosion control.





0 15 30 60 90 120 Feet

1 inch = 67 feet

Prepared By: BC Stormwater Management Utility Date Print: 4/10/13 File:C:/sethdata/projects/projectmaps/Opden Ct 2013-019



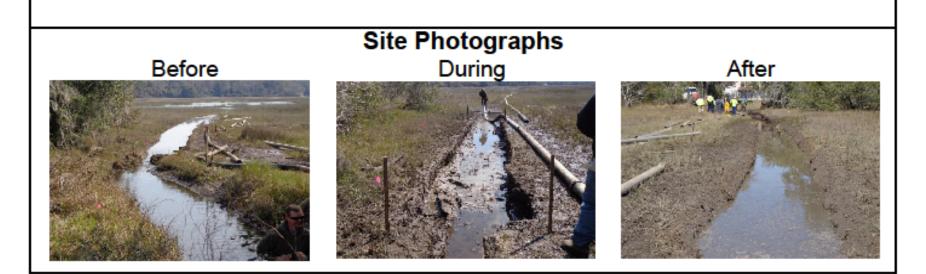
Beaufort County Public Works Stormwater Infrastructure Project Summary

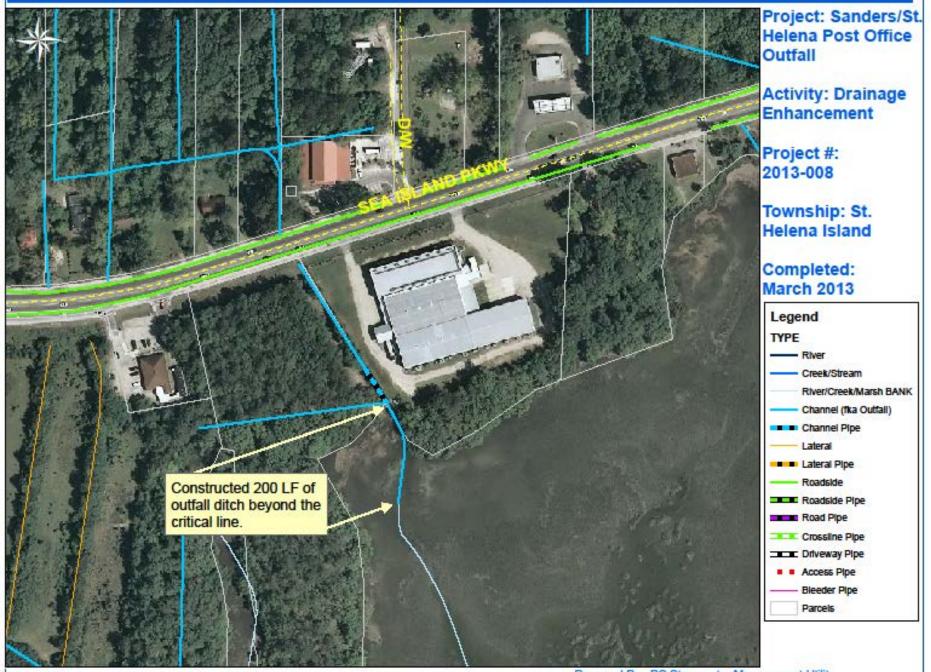
Project: Sanders/St Helena Island Post Office Completed: Mar-13

Project #: 2013-008

Project Total: \$24,790.86

Narrative Description of Project: Project improved 200 L.F. of drainage system. Constructed 200 L.F. of outfall ditch beyond critical line.





0 45 90 180 270 360 Feet

1 inch = 177 feet

Prepared By: BC Stormwater Management Utility Date Print: 4/12/13 File:C:/sethdata/projects/projectmaps/Sanders OF 2013-008



Beaufort County Public Works Stormwater Infrastructure Project Summary

Project: Browns Island Rd/Stroup Rd

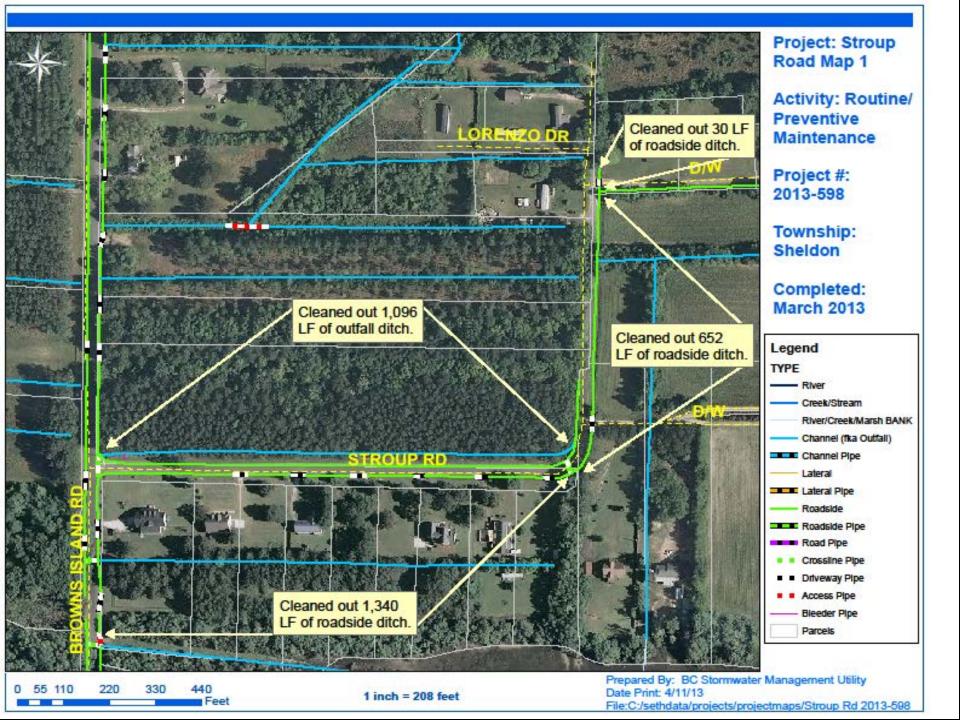
Completed: Mar-13

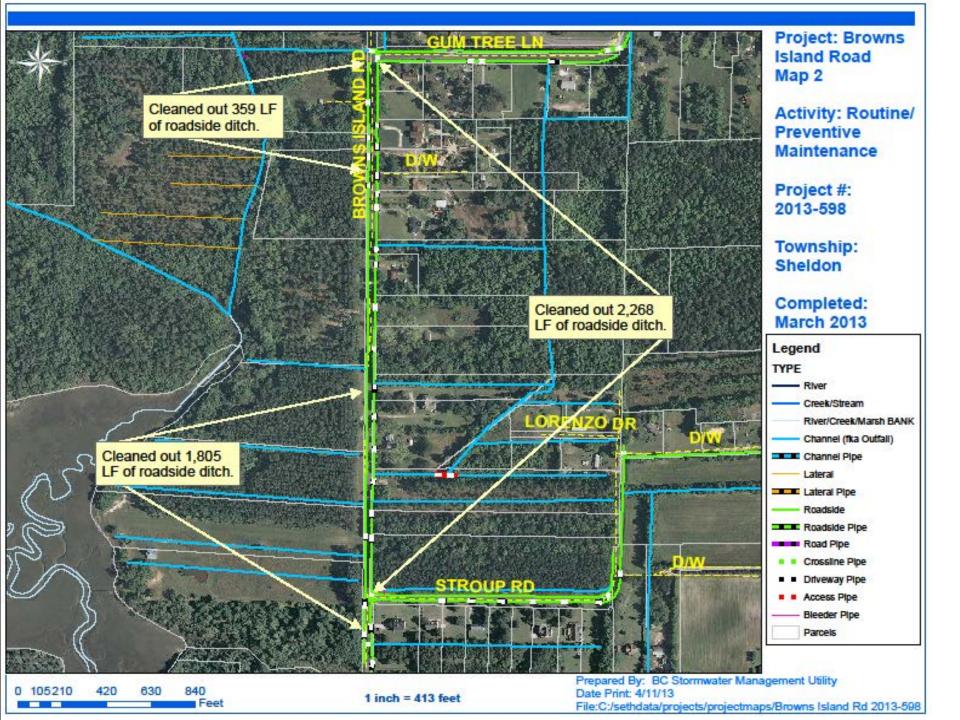
Project #: 2013-598

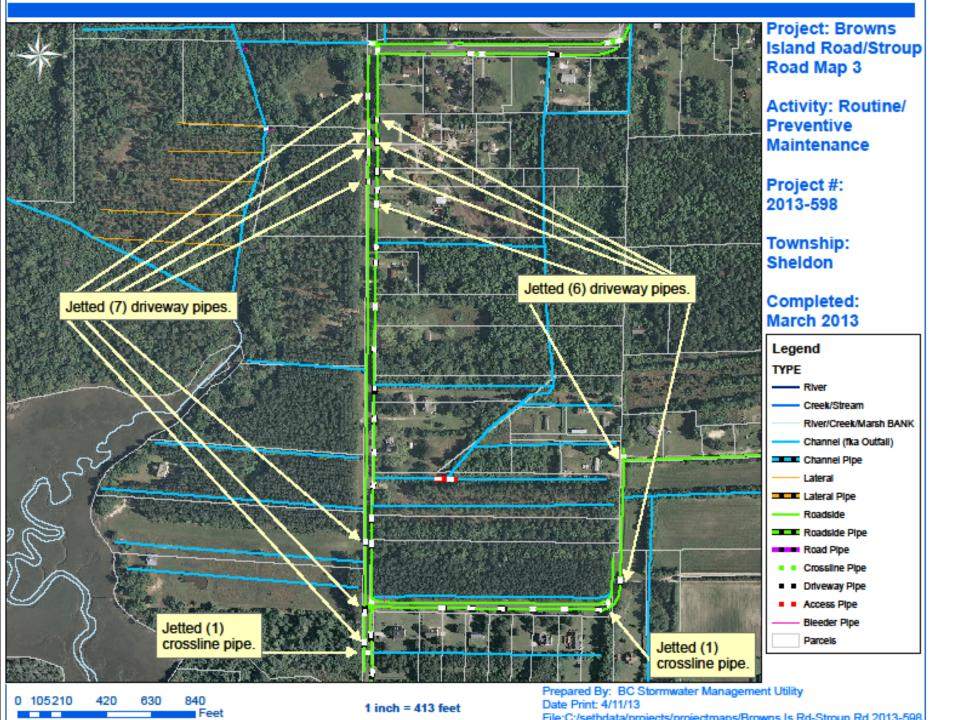
Project Total: \$31,104.66

Narrative Description of Project: Project improved 7,550 L.F. of drainage system. Cleaned out 6,454 L.F. of roadside ditch and 1,096 L.F. of outfall ditch. Jetted (2) crossline pipes and (13) diveway pipes.











Beaufort County Public Works Stormwater Infrastructure Project Summary

Project: Joe Allen Drive/Patterson Road

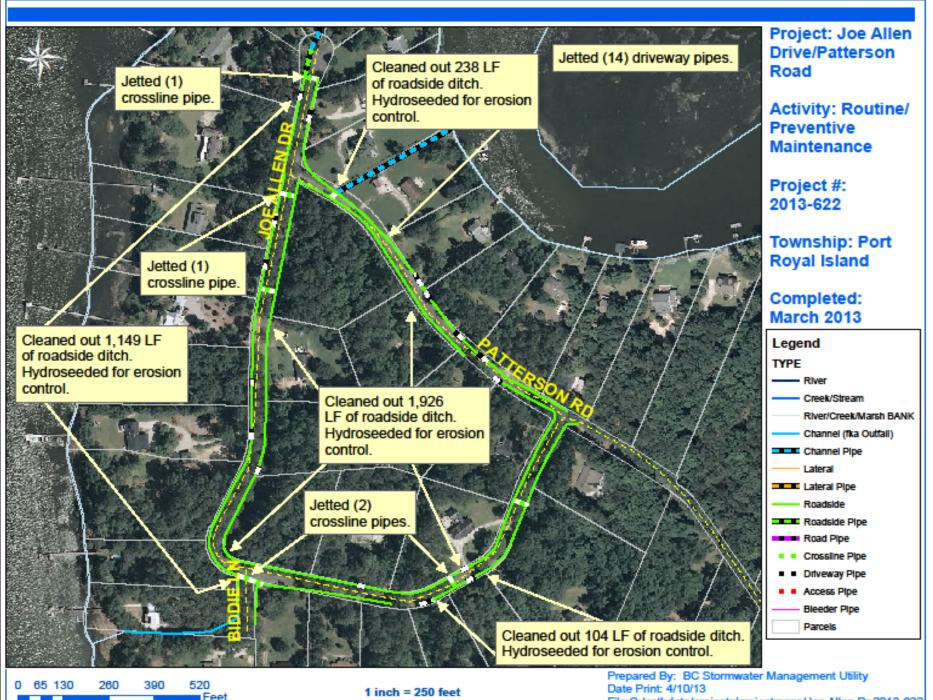
Project #: 2013-622

Completed: Mar-13

Project Total: \$18,355.86

Narrative Description of Project: Project improved 3,417 L.F. drainage system. Cleaned out 3,417 L.F. of roadside ditch. Jetted (4) crossline pipes and (14) driveway pipes. Hydroseeded for erosion control.





File:C:/sethdata/projects/projectmaps/Joe Allen Dr 2013-622

Lady's Island Valley Drains

December 2012– Lady's Island

Cleaned out 6570 feet of valley drains on 3 roads: Ethel Grant Lane; Deveaux Rd; and Rue Du Bois.

Port Royal Island Tree Removal

December 2012 – Port Royal Island

Removed 3 fallen trees, one each from the following outfall ditch work shelves: St. Paul's Church Rd, Burton Wells Rd, and Possum Hill Rd

St. Helena Island Valley Drains

February 2013 – St. Helena Island Cleaned out 12,140 feet of valley drains on 6 roads: Luther Warren; White Sands Circle; Hunter's Grove; Levant Byas; Vineyard Pt; and Tombee

L.H. Nelson Dr. Outfall, Phase II

February 2013 – Port Royal Island Cleaned out 1,360 feet of outfall ditch and 685 feet of roadside ditch

Burton Wells Complex

February 2013 – Port Royal Island Repaired washout and leaking catch basin

Faith Memorial Baptist Church Outfall

February 2013 – St. Helena Island Cleaned out 1,263 feet of outfall ditch

Hunters Grove Road Outfall

February 2013 – St. Helena Island Cleaned out 410 feet of outfall ditch

Mallard Lane Outfall

March 2013 – Port Royal Island Cleaned out 115 feet of outfall ditch

Wimbee Landing Road

March 2013 – Sheldon Cleaned out 800 feet of outfall ditch

Nix Road

March 2013 – Sheldon Replaced and upsized one crossline pipe

Donaldson Camp Road

March 2013 – Port Royal Island

Repaired sinkhole and catch basin leak, cleaned out 2 catch basins, and jetted out 1 crossline pipe, 100 feet of roadside pipe, and 16 feet of outfall pipe

Paige Point Bluff Rd Outfall

March 2013 – Sheldon Cleaned out 40 feet of roadside ditch, 575 feet of outfall ditch and installed 1 bleeder pipe

Clydesdale Circle

March 2013 – Port Royal Island Repaired washout and removed blockage for flow line by hand

Albertha Fields Circle

March 2013 – Sheldon Upsized 1 crossline pipe, cleaned out 1,953 feet of outfall ditch, and installed rip rap for erosion control

Mayfair Court

March 2013 – Lady's Island Refreshed French drain

Paige Point Bluff Road

March 2013 – Sheldon Replaced 1 crossline pipe and installed rip rap for erosion control

Shelter Church Road

March 2013 – Port Royal Island

Cleaned out 618 feet of roadside ditch that acts as the outfall ditch for Animal Shelter, installed 10 feet of roadside pipe, and installed rip rap for erosion control





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- 5. UNFINISHED BUSINESS A. Regional Coordination – Rob McFee
- 6. NEW BUSINESS
- 7. PUBLIC COMMENT
- 8. NEXT MEETING AGENDA A. July 3, 2013
- 9. ADJOURNMENT



