BEAUFORT COUNTY
STORMWATER MANAGEMENT UTILITY BOARD
AGENDA
Wednesday, May 20, 2015
2:00 p.m.
Beaufort Industrial Village, Building 3 Conference Room
104 Industrial Village Road, Beaufort
843.255.2805

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 – April 29, 2015 (backup)

2. INTRODUCTIONS

3. PUBLIC COMMENT

4. REPORTS
   A. Utility Update – Eric Larson, P.E. (backup)
   B. MS4 Update - Eric Larson, P.E. (backup)
   C. Monitoring Update – Eric Larson, P.E. (backup)
   D. Stormwater Implementation Committee Report – Eric Larson, P.E. (backup)
   E. Stormwater Related Projects – Eric Larson, P.E. (backup)
   G. Regional Coordination – Eric Larson, P.E. (backup)
   H. Financial Report (backup)
   I. Maintenance Projects Report – Eddie Bellamy (backup)

5. UNFINISHED BUSINESS –

6. NEW BUSINESS
   A. Preliminary Rate Study Results – ATM and Eric Larson

7. PUBLIC COMMENT

8. NEXT MEETING AGENDA
   A. July 15 or July 22, 2015 (backup)

9. ADJOURNMENT
Beaufort County Stormwater Management Utility Board (SWMU Board)  
Meeting Minutes

April 29, 2015 at 2:00 p.m. in Beaufort Industrial Village Building #3 Conference Room  
Draft May 13, 2015

Board Members  
Present  Absent  
Allyn Schneider Don Smith  
William Bruggeman Patrick Mitchell  
Marc Feinberg  
Larry Meisner  
James Fargher

Ex-Officio Members  
Present  Absent  
Andy Kinghorn Scott Liggett  
Jeremy Ritchie Van Willis

Beaufort County Staff  
Eric Larson  
Carolyn Wallace  
Danny Polk  
Kevin Pitts  
Eddie Bellamy  
Patricia Wilson

Visitors  
Bates Rambow, Town of Hilton Head Island  
Reed Armstrong, Coastal Conservation League  
Lamar Taylor, City of Beaufort  
Anthony Maglione, ATM  
Paul Moore, Ward Edwards  
Kim Jones, Town of Bluffton

1. Meeting called to order – Allyn Schneider  
   A. Agenda – The board members consented to move the maintenance report (4J) first during the  
      reports. The agenda was approved with this change.  
   B. March 18, 2015 Minutes - Approved.

2. Introductions – Completed.

3. Public Comment(s) – None.

4. Reports – (Mr. Eric Larson and Mr. Eddie Bellamy provided a written report and Mr. Alan Eisenman  
   provided a copy of the March financials and they were attached to the agenda and can be accessed at  
http://www.bcgov.net/departments/Administrative/beaufort-county-council/boards-and-  
commissions/council-appointed/board-list/stormwater-management-utility-board/agendas/2015/042915.pdf)

   J. Maintenance Projects Report – Eddie Bellamy  
      Mr. Bellamy provided a written project report summary in advance. He said even with all the  
      recent rainfall, the county has not received a report of any impassable roads. The rain brings out  
      hidden problems which keep the utility staff busy.

   A. Special Presentation – Preliminary Rate Study Results – Anthony Maglione and Eric Larson  
      Mr. Maglione provided a presentation on the scope and status of the rate study (please see  
      attachment). The rate study model would take different model structures and yield multiple  
      results based on a desired rate fee. When questioned by Mr. Larry Meisner about geographical or  
      large tract components for credit, Mr. Maglione and Mr. Larson replied by stating that residential  
      accounts have a three tier system and pay a Standard Family Unit (SFU) Fee based on square  
      footage and no credits are issued to these accounts. Non-residential accounts have a potential to  
      earn up to 50% credit on Stormwater Utility Fees. Individuals receive one bill which the county  
      collects and disperses to the municipalities. Mr. Maglione stated that rate studies should be
accomplished every 5 years. Mr. Larson explained the need for a special Task Order ($79,291) which the County Council took action on. This task order was necessary to update impervious area calculations on approximately 5,000 non-residential properties. This was a non-agenda item for the County Council and the project is funded by the management fee ($2.80/SFU) which is benefitting the entire county.

B. Utility Update – Eric Larson

The papers he presented on the Center for Watershed Protection (CWP) Webinar have been accepted for both the ICEA and SESWA conferences. Also the (CWP) is developing an excel spreadsheet customized for Beaufort County which is compatible with local codes. This is part of the Coastal Low Impact Development Manual the Center created (funded by NERRS, Sea Grant, NOAA, and DNR).

C. MS4 Update – Eric Larson

MS4 Permit Application – The municipalities and the county applications will be reviewed at the same time even though they were submitted at different times.

MS4 Program development – Staff is considering proposed task orders from ATM to begin ordinance updates for development which probably will not affect this fiscal year.

D. Monitoring Update – Eric Larson

USCB Lab- Mr. Larson reported that Dr. Warren’s submittals for microbiological and in-situ parameters are lacking a site visit from DHEC for the lab to get final certification. The lab is continuing to work on other certifications which they should have by the end of the year. Mr. Larson added that the county is disengaging services with GEL Engineering effective July 31, 2015. DHEC has confirmed that the USCB Lab will be able to handle MS4 monitoring needs. When questioned how much the lab should save the county, Mr. Larson stated that the county has a MOU which pays $90,000 per year ($45,000 twice a year). At the year end the account will be reconciled and the credit will roll over into the following year like a prepaid account. The lab functions as a non-profit commercial lab which should lower costs for the county.

E. Stormwater Implementation Committee (SWIC) Report – Eric Larson

Public Education – Continue to discuss education.

Rate Study – Committee is continuing to discuss the rate study.

Management Plan – Discussed how SWIC will implement the update to the management plan.

F. Stormwater Related Projects – Eric Larson

US 278 Retrofit Ponds – Ponds are under construction with one site cleared and crews are working on clearing the second site. All permits have been obtained and entrances and erosion control on the remainder of the four sites are in place. Contractors are clearing the sites and the utility crew will perform the majority of the work.

Okatie West / SC 170 – The closing of the New Leaf LLC Trust is still pending. The development agreement was defaulted on resulting in a lien on the property. The county is applying for a Clean Water Act Section 319 Grant. The application is due on Monday and grant funding would provide the opportunity to build for 40% of the cost.

Other Comments – Mr. Larry Meisner questioned enforcement of erosion control issues. Mr. Larson replied that currently no utility fees go towards enforcement of erosion control issues, but that will change when the MS4 permit is implemented.

G. Professional Contracts Report – Eric Larson

Utility Rate Study – Presented earlier by Mr. Maglione.

Management Plan (Master Plan) Update – SWIC is in the process of developing a scope for the management plan update which once agreed upon by SWIC will be used to provide a RFQ for advertising. The SWIC panel will be the selection committee. Ideally it will be a cost share with the county and the municipalities. The need of the RFQ was questioned and Mr. Larson said that the scope, size, and cost of the project were issues. Also, not all municipalities were represented in the selection process of the consultant firm the county currently employs.

H. Regional Coordination – Eric Larson
Battery Creek Pond Funded by an EPA 319 Grant – The easement is signed but a court recorded copy is still needed to make the permit application official.

Old Woodland Plantation - The project is a good example of the Town of Hilton Head Island and the county working together. The project is almost complete.

May River Watershed Action Plan – Jeremy Ritchie reported that Pine Ridge has an executed contract which should be starting. Stony Creek is ongoing. The Town of Bluffton is also pursuing a 319 Grant to partner with Hampton Lake. The Center for Watershed Protection is also developing an excel spreadsheet customized for the Town of Bluffton, as part of the Costal Low Impact Development Manual (mentioned in 4B), which is really good recognition for the region. Mr. Ritchie mentioned a few measures with respect to the May River Action Plan. The Town of Bluffton has adopted a Sewer connection ordinance requiring connection to an existing sewer if the owner is within 300 feet of a connection. Also, home improvements which increase property value by 25% will trigger sewer connections if that availability is present. The Town of Bluffton has been working with Beaufort Jasper Water Sewer Authority on a May River Watershed Sewer Master Plan to bring before the SWIC for further discussion/feedback and eventually bring before the utility board for consideration.

I. Financial Report – Alan Eisenman - Copies of the March Stormwater Financials were provided in advance.

5. Unfinished Business – None

6. New Business – Carolyn Wallace
   A. Fiscal Year 2016 Proposed Budget – Mrs. Wallace provided her report in advance. She provided a presentation on the proposed budget. The report does not include any new revenues generated by the projected rate study. At the SWIC meeting in February, she presented a proposed budget of $357,000 for Stormwater Management (SWM). For the municipalities and county to support this budget, the cost-share per Single Family Unit (SFU) was requested to be raised from $2.80 per SFU to $3.18 per SFU. The current proposed budget for SWM has increased to over $360,000 and the county will absorb the $3,000 shortfall.

   The municipalities were asked to continue to cost share Public Education/Public Outreach at an estimated cost of $60,000. The City of Beaufort and the Town of Port Royal were asked to continue their participation in the Water Quality Monitoring Program North of the Broad River. The municipalities are being asked to share in the master plan update with an estimated cost of $475,000. To balance the budget, the utility is budgeting $1.9 million from utility reserves. Mr. Larson said the rate study should fund the $1.9 million and if not amendments would be made so cash reserves are not depleted. Annexation from the municipalities is redirecting the revenues from the county. Ms. Kim Jones questioned why a decrease in revenues would not result in a decrease of county services. Mr. Larson said the county is still responsible for maintenance of infrastructure. When asked, Mrs. Wallace said the City of Hardeeville and the Town of Yemassee do not have an agreement with the county and but the county has lost thousands of dollars in SWU fees when they annex property within the county.

   In this budget the utility will be creating the Regulation Section. Danny Polk will be the Superintendent. A new position (the MS4 Coordinator) will be funded in this section, but will report to Mr. Larson. The MS4 Coordinator will help with the day to day management of the MS4 program. Also, a new position (the Infrastructure Inspection Technician) will be hired in the Stormwater Infrastructure Section.

   Mrs. Wallace discussed the proposed budget for capital improvement projects. The budget for the Okatie West/SC 170 Retrofit project will decrease if the county receives the 319 grant. Also, if the general fund portion of the cost-share for the Buckingham Plantation project does not get approval its estimated budget will be diverted to other capital projects.
There are scheduled replacements of some capital assets in the budget. There is also the purchase of two new vehicles for the two new MS4 positions. Mr. Feinberg suggested the county establish a fixed capital fund to help replace major equipment.

The board approved the following motions:
1. Recommend approval of the Stormwater Utility’s proposed Fiscal Year 2016 budget presented at the April 29, 2015 SWMU Board Meeting to the County Council’s Natural Resources Committee.
2. Recommend the municipalities approve the Stormwater Management’s proposed Fiscal Year 2016 budget and the $3.18 per Single Family Unit rate management fee to fund the budget.
3. Recommend to the four municipalities to participate in the cost-share of the public education and outreach efforts for Fiscal Year 2016, not to exceed $60,000.
4. Recommend to the City of Beaufort and Town of Port Royal to participate in the Water Quality Monitoring efforts north of the Broad River for Fiscal Year 2016, not to exceed $93,000.
5. Recommend to the four municipalities to participate in the cost-share of the update to the Stormwater Management Plan in Fiscal Year 2016, the cost to be determined through the procurement process.

7. Public Comment(s) – None.


9. Meeting Adjourned.
Financial Planning Tasks

• NPDES MS4 Permit NOI for Beaufort County

• Rate Study
  • Beaufort County & municipalities
  • Incorporate current revenue requirements, future MS4 related expenses, and capital needs
  • Accommodate current and alternate rate structures, as well as other funding methods

• Impervious area source data update
  • Approximately 5,000 targeted non-residential properties across all 5 jurisdictions

• Deliverables
  • Financial planning and rate model that can be used by each jurisdiction to review options
    • Capital spending PAYGO vs. debt
    • Rate modeling
  • Report with rate structure options and final recommendation
Program Planning

- Current budgeted items
- Capital projects
- MS4 related cost projections
- Changes to service delivery
  - Taking over BMPs (HHI)
  - SCDOT roads
- Consideration of shared services
  - Outreach & Education
  - Monitoring
  - Maintenance (IDDE, SWPPP)
  - Site Reviews
  - Shared Inspections & Enforcement
Rate Structure and Rates

A. Current rate structure with updated source data (debt or no debt)

B. Alternate rate structure (debt or no debt)
   - Similar residential rate equivalents
   - Simplified non-residential rates
   - Gross area cost component
   - Fixed cost per account (for administrative costs)

C. Current rate structure with updated source data and some tax funding (debt or no debt)

D. Alternate rate structure and some tax funding (debt or no debt)
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Rate Base

- County-wide update of source impervious area data for fee calculation
  - Approximately 5,000 non-residential properties
  - Based on newest available aerial imagery
- Intense, short-duration effort so updated data is available for billing in coming bill cycle
Next Steps

• Continue with impervious area update and program planning
• Present rate structure alternatives in May
• Recommend rate structure/rates in June
  • Budget adoption anticipates revenue increase
• Complete impervious area update in time to update billing
Stormwater Manager’s Report for the Stormwater Utility Board Meeting

Utility Update

1. Larson has reviewed 10 projects for County Staff Review Team.
2. Larson has reviewed 3 projects for stormwater design for the City of Beaufort as part of an informal agreement. Note that a MOU is being drafted to formalize this arrangement.
3. On May 15, Larson met with HHI Airport staff and Town of Hilton Head Island staff to discuss stormwater fee credit potential as a result of the recently completed stormwater master plan for the site.

MS4 Update

1. MS4 Permit Application – There is no update from last month’s report.
2. MS4 Program Development – There is no update from last month’s report.
3. MS4 Staffing – The County is currently advertising for a new position, MS4 Coordinator. This position will have daily responsibilities to manage the permit program, allowing the Stormwater Manager to focus on Operations, Utility Management, Capital Projects, Monitoring Program, etc.
4. Beaufort County Pond Conference – Planning is ongoing.

Monitoring Update

1. USCB Lab – There is no update from last month’s report.
2. Shell Point area – Staff has implemented a new monitoring plan for BECY 18 and 19 to source track Fecal Coliform being found at Station 15-25 in Battery Creek.

Stormwater Implementation Committee (SWIC) Report

1. The SWIC met on May 13th. Topics of discussion included the rate study, Management Plan update, and current education efforts. Minutes from the May meeting are attached to this report for your information.

Stormwater Related Projects

1. US 278 Retrofit Ponds ($356,000 budget) – Construction is underway. The Stormwater Infrastructure crews continue to construct the site entrances for two of the four sites. Our contractor has completed clearing on the Pickney Colony Park site and started clearing of the spoil site. An interesting twist has come up with the Buckwalter Spoil Site. A non-
profit group from New England area is interested in some of the Live Oak timber for restoration of the Mayflower II. Staff is working with our contractor and this group to see if the wood can be reclaimed prior to clearing and disposal. More information will be provided at a later date.

2. Turtle Lane Paving on Lady’s Island (stormwater add-on) ($8,940 budget) – No update to report. Design plan still pending.

3. Okatie West / SC 170 widening retrofit land purchase (land acquisition = $160,415 budget, design and construction = $915,000 budget) – Closing of the property still pending. Staff has submitted the CWA Section 319 grant application for construction of the Okatie West stormwater pond. The updated Okatie Watershed Management Plan has been posted to the website.

4. Middleton Place subdivision on Hilton Head Island – Work on the easement by the ToHHI is ongoing. The County’s portion of maintenance work has not begun.

5. Staff is working with Mike Zara, a landowner in the Sheldon area, and OCRM to resolve a ditch instability problem. No action since last month.

6. Staff is working with representatives of the Shell Point neighborhood association and SCDOT to deal with drainage issues. These issues came to our attention due to the recent activity by the Town of Port Royal to annex a portion of the neighborhood. No reportable action since last month.

Professional Contracts Report

1. Utility Rate Study – Work on the study is ongoing. The Town of Bluffton has signed the MOA and is now incorporated into the rate study. During today’s meeting, ATM will update the Board on the progress of the rate study. The proposed six alternative rate structures will be presented and discussed. Following this presentation, the ATM team will be working on completion of the impervious area re-measurements and inputting budget needs into the 6 models. We anticipate a final draft ready for the July meeting. The schedule for presentation and approval will be discussed and the Board will be asked to consider a special meeting date. Final action on the rate study, budget adjustments (if needed), and an updated SWU ordinance will occur through July and August, just in time for the annual “tax run”.

2. Stormwater Management Plan (Master Plan) Update – An RFQ will be advertised this week. The selection committee will include the SWIC members participating in the cost share for the project. The Selection process will continue into August with a recommendation for approval coming to the Board during the August meeting.

Regional Coordination

1. Battery Creek Pond Funded by an EPA 319 Grant ($132,609 budget – county portion) – On going. DHEC and USACE permits are pending. (Lamar Taylor may also report)

2. May River Watershed Action Plan – The Pine Grove volume reduction project using CWA Section 319 grant dollars is on-going. The Stoney Creek Watershed Plan is on-going. The Town also applied for another EPA 319 grant as Phase III of their May River efforts. (Jeremy Ritchie may also report).

3. Salinity Study ($25,000 budget – county portion) - On going. No further update is available.
4. Sea Level Rise and Future Planning – The SLR report is in final draft form. Planning staff will be presenting the report to Administration for consideration soon.
5. Buckingham Plantation Drive Innovation District conceptual design study ($25,000 budget – SWU portion) – Project is on hold pending funding to match the SWU portion.
6. Old Woodland Plantation storm sewer system repairs – ($65,997) County’s work is complete. The Town of Hilton Head Island is doing some additional work in the area.
7. On May 19th, Larson attended the quarterly Together for Beaufort Water Quality Committee meeting.
1. Approval of April 8th, 2015 meeting minutes - not discussed.

2. Public Education
   a. Report by BCSWCD - See attached report.
      i. Drain Marker project with BSA - The BSA student is presenting to the City Council for CoB on May 26th. Project in downtown CoB scheduled for May 30th.
      ii. Pond Conference - We are still looking at USCB campus for event. Eric needs to see if County can convince USCB to waive fees. (also see report.) Patty and Shelby to make a site visit to check logistics. They will also work on details for transportation for the field trip.
      iii. Flyers and Brochures - SWIC agreed that advertising needed to be with the NCW logo only; no need for five separate logos.
      iv. Kiosks - ToB still working with the Bluffton Library to coordinate delivery of the ToB unit. All other kiosk locations have been set up for re-location.
      v. Rain Garden workshop(s) - See report.
   b. NCW website update - Not discussed.
   d. MOA for FY 2016 - Larson distributed a draft of the agreement. Patty Wilson to add reference to the Carolina Clear credit from FY 14 to reflect the lower costs for FY 16. She will distribute WORD files for printing and signing.
   e. Weston Newton's Water Quality Art and Essay contest - Mr. Newton desires to have a student contest for art and essays to be displayed at the October Arts and Seafood Festival in Bluffton. Entries will be judged and prizes awarded. SWIC agreed to participate in this project using the BCSWCD contract. Larson said he would put Shelby Berry and Denise Parsick in touch with Monica Spells to get the project started.

3. Budget for FY 2016
   a. SWUB actions
      i. Cost share recommendations - Not discussed.
      ii. SWM admin. Fee recommendations - Not discussed.
         1. Revisit SWU Mgt. Admin fee response (for ToPR only) - Not discussed.
   b. Cost Share invoicing SOP - The group discussed the frequency of billing from the County for the various cost shares. There is concern that they are too infrequent and that they may not follow fiscal years. Larson agreed to do, at a minimum, quarterly billing and that the end of the year bill would be done ASAP after the end of the contract. In addition, support documentation from the vendor would be included to support the invoice amount.

4. Rate Study progress report
   a. Alternatives presented - Larson explained the draft ATM report on the six alternates. Questions were raised about the County O&M cost applied to municipal areas and how that was determined. Larson explained that County staff mapped with GIS the location of all known County maintained pipes and ditches and segregated them by ROW location and
Municipal Boundary, created a percentage of the whole, and applied those percentages to the actual O&M budget for next year to determine the component of the rate. The group asked to see the map and asked if the County would consider "devolving" the infrastructure to the Towns/City to avoid the "surcharge". Larson stated the County would be willing to have those discussions.

Larson was asked if the County will provide O&M services in the municipal jurisdictions if they get this new revenue source. Larson stated that is the intent; the County O&M component to the rate is the solution to provide extra funding needed to meet the current EOS and LOS plan adopted by County Council.

Larson also explained a rate component called "re-allocation of funds from one jurisdiction to another" and how this component of the rate structure could be used to partner between two or more of the jurisdictions similar to the current cost share relationships done now. Everyone seemed open to this concept.

b. Final report schedule - Larson discussed the revised schedule based on production delays and the approval process needed. The next step is to present the 6 options to the SWUB next week. The rate study will be presented to the SEUB on July 15th. (subject to Board approval of the schedule change).

c. Ordinance revisions by jurisdiction - Larson noted each jurisdiction will have to amend their ordinance if they adopt a new fee schedule. It was reported that the county deadline for requesting a rate change according to the IGA is August 15. They will need to do this by the end of August to affect the CY 2015 tax run.

5. Management Plan Update scope of services, Budget, Schedule
   a. Non-Disclosure agreements - confidential matters discussed in closed meeting.
   b. Scope of Services / RFQ - SWIC reviewed and approved the scope. A few minor changes were requested for the RFQ.
   c. Cost Share /budget numbers - SWIC confirmed that all bodies have budgeted for the project for FY 16 at the recommended level presented by the County.
   d. Schedule for RFQ - SWIC revised the draft schedule to reflect personal leave times and the approval processes needed by each jurisdictional body. SWIC members agreed to go forward with advertising May 15th. (Larson noted that the schedules changes would allow delaying the advertisement to May 22nd).
   e. MOA(s) - Larson provided each body with a draft MOA that will be completed once the consultant is selected and the contract is ready to be signed.

6. MOA for Monitoring North Beaufort County (for ToPR and CoB only) - Larson provided a draft version to CoB. Larson will email ToPR.

7. MS4 status update (if needed) - Not discussed.

8. Town of Bluffton / BJWSA May River Watershed Sewer Study (Jeremy) - Not discussed. Larson suggested a meeting with ToB to discuss this if needed.

9. Other business - None.

10. Next Meeting - June 10, 2015 was canceled. The SWIC will meet July 15th in the AM prior to a joint SWIC/SWUB meeting on July 15th to review the final draft of the Rate Study. Other SWIC meetings in June, July, and August will be scheduled to review the RFQ responses to the Management Plan update.

11. Adjourned at 3:30pm.
1. Storm Drain Marker Project
   - Markers received 4/10, inventoried
   - Received old metal markers – available for possible gated communities to use
   - Assembled 4 drain marking kits (gloves, safety vests, tools, etc.)
   - May 2, Troop 1712 had drain marker workshop in prep for May 30th COB event

2. Pond Conference
   - Met with Blaik Keppler, ACE Basin NERR, & Eric to discuss avoiding overlap in content with Charleston Conference Spring 2016
   - At present time USCB still seems to be best location especially if fee can be waved

3. Rain Barrel Decorating Contest & Port Royal & Bluffton Earth Day Presentations:
   - Presented booth with focus on NPS pollution with Enviroscape at both events
   - Gave out pet waste dog bones & demonstrated use
   - Displayed rain barrels with visitors voting for their favorite barrels. Certificates were given to each class participating and ribbons given for favorite Elem, Middle, & High
   - Port Royal went smoothly, but Bluffton had rain and event shut down around noon, but we had to wait on rain barrel participants to come back for their barrels to prevent theft.

4. Festivals
   - Researched prices on banner (($150 – 200) & name tags with NCW logo ($12.00 each)
   - Would suggest magnetic NCW logo tag as most of us have our own name tags with our respective municipalities and agencies and let presenters use their choice of light or royal blue polo shirt.

5. Rain Gardens
   - Stormwater staff would like to have a workshop for professionals to learn how to install & maintain Rain Gardens
   - BSWCD Staff will be attending a workshop later in May on this topic in the Charleston area

6. Flyer updates:
   - Need approval for general logo arrangement on flyers. Example the Pet Waste Flyer. Would like to use this on all flyers with approval from SWIC.
   - Would like to update Floor wax wastewater residue disposal flyer and have printed.

7. Outreach/ Promotion:
   - At the Together for Beaufort Human Services Alliance meeting, Ms. Parsick explained the Neighbors for Clean Water county wide stormwater initiative and asked group to go to the website to learn more. She also reported on the Storm Drain Marker project and this opportunity for volunteer groups to help mark storm drains throughout the county.
Bluffton/ Hilton Head Island Earth Day April 24th, 2015
Blue Ribbon Barrels

McCracken Middle
Morris’s 8th grade Art

M. C. Riley Elem K-1
Wipper”s Inquiry Room
Port Royal Earth Day April 18, 2015
Blue Ribbon Barrels

Lady’s Island Elem—Diorio’s 4th/5th Gifted & talented Class

Battery Creek High Stowe’s 9-12 Art

Storm Drain Marker Workshop May 2, 2015
Boy Scout Troop 1712
May 13, 2015

April 2015 Stormwater Financials Narrative and Analysis

Since April is the 10th month of the fiscal year, one might expect expenses to be at 83% of budget based on consistent and recurring expenses and Stormwater is currently below this budget level at 71%.

The main source of revenues is from Stormwater Utility fees in property tax bills and this is about $62,000 higher than in April 2014. It appears that more tax payments are being paid on time before the March 17th deadline as compared to this time last year.

With the recent addition of the Capital Improvement Fund, some Stormwater Utility Funds have been transferred for larger retrofit projects that might take several years to fund and to finish. Therefore, the Stormwater cash balance is now comprised of two cash balances. The Stormwater cash balance has decreased by about $233,000 compared to last year, along with a decrease in fund balance by about $211,000. The new Capital Improvement Fund was just getting started in Spring 2014.

Respectfully submitted,

Alan R. Eisenman, CPA
## UNAUDITED AND PRELIMINARY
### BEAUFORT COUNTY, SOUTH CAROLINA
### STATEMENT OF NET ASSETS
#### Stormwater Utility and Capital Improvement Funds
April 30, 2015 & April 30, 2014

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<td>April 30, 2015</td>
<td>April 30, 2015</td>
<td>April 30, 2014</td>
<td>April 30, 2014</td>
</tr>
<tr>
<td><strong>Current Assets</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash and Investments with Trustee</td>
<td>$2,539,456</td>
<td>$452,857</td>
<td>$2,416,355</td>
<td>$809,813</td>
</tr>
<tr>
<td>Receivables, Net</td>
<td>53,870</td>
<td>-</td>
<td>118,383</td>
<td>-</td>
</tr>
<tr>
<td>Inventories</td>
<td>113,850</td>
<td>-</td>
<td>92,511</td>
<td>-</td>
</tr>
<tr>
<td>Prepayments</td>
<td>22,259</td>
<td>-</td>
<td>20,673</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total Current Assets</strong></td>
<td>2,729,435</td>
<td>452,857</td>
<td>2,847,922</td>
<td>809,813</td>
</tr>
<tr>
<td><strong>Capital Assets</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capital Assets</td>
<td>3,140,834</td>
<td>-</td>
<td>2,855,317</td>
<td>-</td>
</tr>
<tr>
<td>Accumulated Depreciation</td>
<td>(2,200,940)</td>
<td>-</td>
<td>(2,042,544)</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total Assets</strong></td>
<td>$3,669,329</td>
<td>$452,857</td>
<td>$3,460,695</td>
<td>$809,813</td>
</tr>
<tr>
<td><strong>LIABILITIES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liabilities</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Account Payable</td>
<td>157,548</td>
<td>-</td>
<td>239,757</td>
<td>-</td>
</tr>
<tr>
<td>Accrued Payroll</td>
<td>74,456</td>
<td>-</td>
<td>83,612</td>
<td>-</td>
</tr>
<tr>
<td>Accrued Compensated Absences</td>
<td>7,823</td>
<td>-</td>
<td>6,247</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total Current Liabilities</strong></td>
<td>239,827</td>
<td>-</td>
<td>329,616</td>
<td>-</td>
</tr>
<tr>
<td><strong>Long Term Liabilities</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Accrued Compensated Absences</td>
<td>65,978</td>
<td>-</td>
<td>55,379</td>
<td>-</td>
</tr>
<tr>
<td>Net Other Postemployment</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Benefits Obligation</td>
<td>973,622</td>
<td>-</td>
<td>831,027</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total Long Term Liabilities</strong></td>
<td>1,039,600</td>
<td>-</td>
<td>886,406</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total Liabilities</strong></td>
<td>1,279,427</td>
<td>-</td>
<td>1,216,022</td>
<td>-</td>
</tr>
<tr>
<td><strong>NET ASSETS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Invested in Capital Assets, Net of Related Debt</td>
<td>939,894</td>
<td>-</td>
<td>812,773</td>
<td>-</td>
</tr>
<tr>
<td>Reserved for Encumbrances</td>
<td>294,565</td>
<td>194,558</td>
<td>144,637</td>
<td>-</td>
</tr>
<tr>
<td>Reserved for Capital Improvements</td>
<td>258,299</td>
<td>-</td>
<td>809,813</td>
<td>-</td>
</tr>
<tr>
<td>Unrestricted</td>
<td>1,155,443</td>
<td>-</td>
<td>1,287,263</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total Net Assets</strong></td>
<td>$2,389,902</td>
<td>$452,857</td>
<td>$2,244,673</td>
<td>$809,813</td>
</tr>
</tbody>
</table>
Unaudited and Preliminary  
BEAUFORT COUNTY, SOUTH CAROLINA  
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS  
Stormwater Utility Fund  
For the Period Ended April 30, 2015

<table>
<thead>
<tr>
<th></th>
<th>Budget FY 2015</th>
<th>April 30, 2015</th>
<th>Budget to Actual</th>
<th>Percent of Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Revenues</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stormwater Utility Fees</td>
<td>$ 3,132,205</td>
<td>$ 2,990,384</td>
<td>(141,821)</td>
<td>95%</td>
</tr>
<tr>
<td>Stormwater Utility Project Billings</td>
<td>44,189</td>
<td>53,561</td>
<td>9,372</td>
<td>121%</td>
</tr>
<tr>
<td>Total Operating Revenues</td>
<td>3,176,394</td>
<td>3,043,945</td>
<td>(132,449)</td>
<td>96%</td>
</tr>
<tr>
<td>Operating Expenses</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Personnel</td>
<td>2,261,074</td>
<td>1,742,306</td>
<td>(518,768)</td>
<td>77%</td>
</tr>
<tr>
<td>Purchased Services</td>
<td>684,864</td>
<td>403,240</td>
<td>(281,624)</td>
<td>59%</td>
</tr>
<tr>
<td>Supplies</td>
<td>362,409</td>
<td>197,257</td>
<td>(165,152)</td>
<td>54%</td>
</tr>
<tr>
<td>Depreciation</td>
<td>182,523</td>
<td>152,110</td>
<td>(30,413)</td>
<td>83%</td>
</tr>
<tr>
<td>Total Operating Expenses</td>
<td>3,490,870</td>
<td>2,494,913</td>
<td>(995,957)</td>
<td>71%</td>
</tr>
<tr>
<td>Operating Income (Loss)</td>
<td>(314,476)</td>
<td>549,032</td>
<td>863,508</td>
<td>-175%</td>
</tr>
<tr>
<td>Non-Operating Revenues (Expenses)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interest Earned</td>
<td>2,955</td>
<td>-</td>
<td>(2,955)</td>
<td>0%</td>
</tr>
<tr>
<td>Total Non-Operating Revenues (Expenses)</td>
<td>2,955</td>
<td>-</td>
<td>(2,955)</td>
<td>0%</td>
</tr>
<tr>
<td>Transfers Out To Capital Improvement Fund</td>
<td>-</td>
<td>12,365</td>
<td>12,365</td>
<td>100%</td>
</tr>
<tr>
<td>Change in Net Assets</td>
<td>(311,521)</td>
<td>536,667</td>
<td>848,188</td>
<td>-172%</td>
</tr>
<tr>
<td>Net Assets, Beginning</td>
<td>1,853,235</td>
<td>1,853,235</td>
<td>848,188</td>
<td>155%</td>
</tr>
<tr>
<td>Net Assets, Ending</td>
<td>$ 1,541,714</td>
<td>$ 2,389,902</td>
<td>848,188</td>
<td>155%</td>
</tr>
</tbody>
</table>
Unaudited and Preliminary
BEAUFORT COUNTY, SOUTH CAROLINA
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS
Stormwater Capital Improvements Fund
For the Period Ended April 30, 2015

<table>
<thead>
<tr>
<th></th>
<th>Budget FY 2015</th>
<th>April 30, 2015</th>
<th>Budget to Actual</th>
<th>Percent of Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transfers In from Stormwater Utility Fund</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Administration Complex Parking Lot Retrofit</td>
<td>$ -</td>
<td>$ -</td>
<td>-</td>
<td>0%</td>
</tr>
<tr>
<td>Okatie East Retrofit</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0%</td>
</tr>
<tr>
<td>Highway 278 Retrofit</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0%</td>
</tr>
<tr>
<td>Okatie West Retrofit</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0%</td>
</tr>
<tr>
<td>Buckingham Plantation Retrofit</td>
<td>-</td>
<td>12,365</td>
<td>12,365</td>
<td>100%</td>
</tr>
<tr>
<td>Upper Battery Creek Retrofit</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0%</td>
</tr>
<tr>
<td>Total Transfers In</td>
<td>-</td>
<td>12,365</td>
<td>12,365</td>
<td>0%</td>
</tr>
<tr>
<td>Capital Improvement Expenses</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Administration Complex Parking Lot Retrofit</td>
<td>-</td>
<td>302,250</td>
<td>302,250</td>
<td>100%</td>
</tr>
<tr>
<td>Okatie East Retrofit</td>
<td>-</td>
<td>5,337</td>
<td>5,337</td>
<td>100%</td>
</tr>
<tr>
<td>Highway 278 Retrofit</td>
<td>-</td>
<td>23,082</td>
<td>23,082</td>
<td>100%</td>
</tr>
<tr>
<td>Okatie West Retrofit</td>
<td>-</td>
<td>20,000</td>
<td>20,000</td>
<td>100%</td>
</tr>
<tr>
<td>Buckingham Plantation Retrofit</td>
<td>-</td>
<td>9,865</td>
<td>9,865</td>
<td>100%</td>
</tr>
<tr>
<td>Upper Battery Creek Retrofit</td>
<td>-</td>
<td>7,367</td>
<td>7,367</td>
<td>100%</td>
</tr>
<tr>
<td>Total Operating Expenses</td>
<td>-</td>
<td>367,901</td>
<td>367,901</td>
<td>100%</td>
</tr>
</tbody>
</table>

Change in Net Assets by Project
Administration Complex Parking Lot Retrofit | (302,250) | (302,250) |
O Katie East Retrofit | (5,337) | (5,337) |
Highway 278 Retrofit | (23,082) | (23,082) |
O Katie West Retrofit | (20,000) | (20,000) |
Buckingham Plantation Retrofit | 2,500 | 2,500 |
Upper Battery Creek Retrofit | (7,367) | (7,367) |
Total Change in Net Assets by Project | (355,536) | (355,536) |

Net Assets, Beginning
Administration Complex Parking Lot Retrofit | 327,169 |
O Katie East Retrofit | 40,892 |
Highway 278 Retrofit | 207,722 |
O Katie West Retrofit | 100,000 |
Buckingham Plantation Retrofit | - |
Upper Battery Creek Retrofit | 132,610 |
Total Net Assets, Beginning | 808,393 |

Net Assets, Ending
Administration Complex Parking Lot Retrofit | 24,919 |
O Katie East Retrofit | 35,555 |
Highway 278 Retrofit | 184,640 |
O Katie West Retrofit | 80,000 |
Buckingham Plantation Retrofit | 2,500 |
Upper Battery Creek Retrofit | 125,243 |
Total Net Assets, Ending | $ - | $ 452,857 |
## Unaudited and Preliminary

BEAUFORT COUNTY, SOUTH CAROLINA
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS
Stormwater Utility Fund
For the Period Ended April 30, 2014

<table>
<thead>
<tr>
<th></th>
<th>Budget FY 2014</th>
<th>Actual April 30, 2014</th>
<th>Budget to Actual</th>
<th>Percent of Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating Revenues</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stormwater Utility Fees</td>
<td>$ 3,475,000</td>
<td>$ 2,928,436</td>
<td>(546,564)</td>
<td>84%</td>
</tr>
<tr>
<td>Stormwater Utility Project Billings</td>
<td>60,023</td>
<td>110,272</td>
<td>50,249</td>
<td>184%</td>
</tr>
<tr>
<td><strong>Total Operating Revenues</strong></td>
<td>3,535,023</td>
<td>3,038,708</td>
<td>(496,315)</td>
<td>86%</td>
</tr>
<tr>
<td><strong>Operating Expenses</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Personnel</td>
<td>2,160,475</td>
<td>1,580,048</td>
<td>(580,427)</td>
<td>73%</td>
</tr>
<tr>
<td>Purchased Services</td>
<td>961,864</td>
<td>479,205</td>
<td>(482,659)</td>
<td>50%</td>
</tr>
<tr>
<td>Supplies</td>
<td>381,446</td>
<td>273,919</td>
<td>(107,527)</td>
<td>72%</td>
</tr>
<tr>
<td>Depreciation</td>
<td>242,119</td>
<td>208,192</td>
<td>(33,927)</td>
<td>86%</td>
</tr>
<tr>
<td><strong>Total Operating Expenses</strong></td>
<td>3,745,904</td>
<td>2,541,364</td>
<td>(1,204,540)</td>
<td>68%</td>
</tr>
<tr>
<td><strong>Operating Income (Loss)</strong></td>
<td>(210,881)</td>
<td>497,344</td>
<td>708,225</td>
<td>-236%</td>
</tr>
<tr>
<td><strong>Non-Operating Revenues (Expenses)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gain (Loss) on Sale of Capital Assets</td>
<td>-</td>
<td>(35,627)</td>
<td>(35,627)</td>
<td>-100%</td>
</tr>
<tr>
<td>Interest Earned</td>
<td>6,922</td>
<td>-</td>
<td>(6,922)</td>
<td>0%</td>
</tr>
<tr>
<td><strong>Total Non-Operating Revenues (Expenses)</strong></td>
<td>6,922</td>
<td>(35,627)</td>
<td>(42,549)</td>
<td>0%</td>
</tr>
<tr>
<td>Transfers Out To Capital Improvement Fund</td>
<td>-</td>
<td>859,705</td>
<td>859,705</td>
<td>0%</td>
</tr>
<tr>
<td>Change in Net Assets</td>
<td>(203,959)</td>
<td>(397,988)</td>
<td>(194,029)</td>
<td>195%</td>
</tr>
<tr>
<td><strong>Net Assets, Beginning</strong></td>
<td>2,642,661</td>
<td>2,642,661</td>
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<td></td>
</tr>
<tr>
<td><strong>Net Assets, Ending</strong></td>
<td>$ 2,438,702</td>
<td>$ 2,244,673</td>
<td>(194,029)</td>
<td>92%</td>
</tr>
</tbody>
</table>
Unaudited and Preliminary  
BEAUFORT COUNTY, SOUTH CAROLINA  
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET ASSETS  
Stormwater Capital Improvements Fund  
For the Period Ended April 30, 2014

<table>
<thead>
<tr>
<th>Transfers In from Stormwater Utility Fund</th>
<th>Budget FY 2014</th>
<th>April 30, 2014</th>
<th>Budget to Actual</th>
<th>Percent of Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration Complex Parking Lot Retrofit</td>
<td>$ -</td>
<td>$ 329,650</td>
<td>329,650</td>
<td>100%</td>
</tr>
<tr>
<td>Okatie East Retrofit</td>
<td>-</td>
<td>60,237</td>
<td>60,237</td>
<td>100%</td>
</tr>
<tr>
<td>Highway 278 Retrofit</td>
<td>-</td>
<td>222,600</td>
<td>222,600</td>
<td>100%</td>
</tr>
<tr>
<td>Okatie West Retrofit</td>
<td>-</td>
<td>100,000</td>
<td>100,000</td>
<td>100%</td>
</tr>
<tr>
<td>Buckingham Plantation Retrofit</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0%</td>
</tr>
<tr>
<td>Upper Battery Creek Retrofit</td>
<td>-</td>
<td>147,218</td>
<td>147,218</td>
<td>100%</td>
</tr>
<tr>
<td><strong>Total Transfers In</strong></td>
<td>-</td>
<td>859,705</td>
<td>859,705</td>
<td>0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Capital Improvement Expenses</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration Complex Parking Lot Retrofit</td>
<td>-</td>
<td>2,481</td>
<td>2,481</td>
<td>100%</td>
</tr>
<tr>
<td>Okatie East Retrofit</td>
<td>-</td>
<td>17,925</td>
<td>17,925</td>
<td>100%</td>
</tr>
<tr>
<td>Highway 278 Retrofit</td>
<td>-</td>
<td>14,878</td>
<td>14,878</td>
<td>100%</td>
</tr>
<tr>
<td>Okatie West Retrofit</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0%</td>
</tr>
<tr>
<td>Buckingham Plantation Retrofit</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>0%</td>
</tr>
<tr>
<td>Upper Battery Creek Retrofit</td>
<td>-</td>
<td>14,608</td>
<td>14,608</td>
<td>100%</td>
</tr>
<tr>
<td><strong>Total Operating Expenses</strong></td>
<td>-</td>
<td>49,892</td>
<td>49,892</td>
<td>100%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Change in Net Assets by Project</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration Complex Parking Lot Retrofit</td>
<td>327,169</td>
<td>327,169</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Okatie East Retrofit</td>
<td>42,312</td>
<td>42,312</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Highway 278 Retrofit</td>
<td>207,722</td>
<td>207,722</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Okatie West Retrofit</td>
<td>100,000</td>
<td>100,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buckingham Plantation Retrofit</td>
<td>-</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Battery Creek Retrofit</td>
<td>-</td>
<td>132,610</td>
<td>132,610</td>
<td></td>
</tr>
<tr>
<td><strong>Total Change in Net Assets by Project</strong></td>
<td>809,813</td>
<td>809,813</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Net Assets, Beginning</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration Complex Parking Lot Retrofit</td>
<td>-</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Okatie East Retrofit</td>
<td>-</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Highway 278 Retrofit</td>
<td>-</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Okatie West Retrofit</td>
<td>-</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buckingham Plantation Retrofit</td>
<td>-</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Battery Creek Retrofit</td>
<td>-</td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Net Assets, Beginning</strong></td>
<td>-</td>
<td>-</td>
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<table>
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<td>Buckingham Plantation Retrofit</td>
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<td><strong>Total Net Assets, Ending</strong></td>
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MEMORANDUM

Date: May 20, 2015

To: Stormwater Management Utility Board

From: Eddie Bellamy, Public Works Director

Re: Maintenance Project Report for May 2015

1. This report will cover three major and 11 minor or routine projects. The Project Summary Reports are attached.

2. Major Projects:

A. **Bluffton Middle School Phase II** (Reimbursement), completed in April in the Town of Bluffton, District 7; we improved 680 feet of drainage system. The job involved grubbing and clearing 50 feet of channel, bush hogging 510 feet of channel, cleaning out 560 feet by machine and another 120 feet by hand, removing four check dams, and installing rip-rap and seeding for erosion control. Total cost of the project was **$16,445**.

B. **Irongate Subdivision**, completed in April in the Burton area of District 6; we cleaned out 4,655 feet of roadside ditch and 500 feet of channel, replaced one driveway pipe, jetted four crossline pipes, 15 driveway pipes, and 380 feet of channel pipe. Hydroseeded for erosion control. Total cost of the project was **$43,254**.

C. **Powell Drive**, completed in April in the Burton area of District 6; we cleaned out 2,431 feet of roadside ditch and 310 feet of channel, jetted 11 driveway pipes, and hydroseeded for erosion control. Total Cost of the project was **$17,757**.

3. Minor or Routine Projects:

A. **Prescott Road**, completed in March in the Sheldon area of District 5; we constructed a weir for runoff.

B. **County Administrative Building Campus - Pond**, completed in March in the City of Beaufort, District 1; we hydroseeded the perimeter of the pond.

C. **Beaufort Industrial Village, Building 1**, completed in March in the City of Beaufort, District 1; we cleaned out a catch basin that was contaminated by illegal dumping.

D. **River Oaks Road**, completed in March in the Lobeco area of District 5, we cleaned out 530 feet of roadside ditch and jetted two driveway pipes.

E. **Wimbee Landing Road Channel #1**, completed in March in the Dale area of District 5; we cleaned out 1,281 feet of channel and jetted two driveway pipes.
F. Joe Frazier Road, Channel #1, completed in March in District 6; we removed blockage from the flowline by hand.

G. County Shed Road Channel #1, completed in March in District 6; we cleaned out 190 feet of roadside ditch, 1,420 feet of channel and hydroteered for erosion control.

H. Stroman Lane, completed in March in District 6; we cleaned out 406 feet of roadside ditch and jetted two driveway pipes.

I. Witsell Road, completed in April in District 5; we replaced one crossline pipe.

J. Sheriff’s Camp Channel #1, completed in April in District 7; we cleaned out 158 feet of channel by hand.

K. Lightsey Road, completed in April in District 5; we cleaned out 130 feet of roadside ditch and replaced one crossline pipe.
Beaufort County
Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Bluffton Middle School Phase II (Reimbursement)

Narrative Description of Project:

**2015-016A / Bluffton Middle School Ph II**

<table>
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<tr>
<th>Activity</th>
<th>Labor Hours</th>
<th>Labor Cost</th>
<th>Equipment Cost</th>
<th>Material Cost</th>
<th>Contractor Cost</th>
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<td>$0.00</td>
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**2015-016A / Bluffton Middle School Ph II**

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<th>Labor Cost</th>
<th>Equipment Cost</th>
<th>Material Cost</th>
<th>Contractor Cost</th>
<th>Indirect Labor Cost</th>
<th>Total Cost</th>
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<tbody>
<tr>
<td>CCO / Channel - cleaned out</td>
<td>70.0</td>
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<td>$433.68</td>
<td>$253.70</td>
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<td>$65.52</td>
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<td>$0.00</td>
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<td>$143.37</td>
<td>$0.00</td>
<td>$439.50</td>
<td>$1,303.80</td>
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<td>$137.24</td>
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<td>$2,527.17</td>
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<tr>
<td>PL / Project Layout</td>
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<tr>
<td>PRRECON / Project Reconnaissance</td>
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<td>$0.00</td>
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<td>$198.84</td>
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<tr>
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<td>$12.46</td>
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<td>$59.82</td>
<td>$168.72</td>
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**Grand Total**

<table>
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<tr>
<th>Labor Hours</th>
<th>Labor Cost</th>
<th>Equipment Cost</th>
<th>Material Cost</th>
<th>Contractor Cost</th>
<th>Indirect Labor Cost</th>
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Before

During

After
Project: Bluffton Middle School Phase II (Reimbursement)

Activity: Routine/Preventive Maintenance

Project #: 2015-016A

Township: Town of Bluffton

Completed: April 2015

Legend

TYPE
River
Creek/Stream
River/Creek/Marsh BANK
Channel (fka Outfall)
Channel Pipe
Lateral
Lateral Pipe
Roadside
Roadside Pipe
Road Pipe
Crossline Pipe
Driveway Pipe
Driveway Pipe
Access Pipe
Bleeder Pipe

Grubbed, cleared and cleaned out 50 LF of channel.

Bush hogged and cleaned out 510 LF of channel.

Cleaned out 120 LF of channel by hand.

Removed (4) check dams.

Installed rip rap for erosion control.

Hydroseeded for erosion control.

0 40 80 160 240 320 Feet
1 inch = 158 feet

Prepared By: BC Stormwater Management Utility
Date Print: 5/11/15
File:C:/sethdata/projects/projectmaps/Bluff Mid School PhII 2015-016A
# Stormwater Infrastructure
## Project Summary
### Project Summary:
Irongate Subdivision

### Narrative Description of Project:

Replaced (1) driveway pipe. Jetted (4) crossline pipes, (15) driveway pipes and 380 L.F of channel pipe. Hydrosowed for erosion control.

### 2015-528 / Irongate Subdivision

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<th>Equipment</th>
<th>Material</th>
<th>Contractor</th>
<th>Indirect</th>
<th>Total</th>
<th>Hours</th>
<th>Labor</th>
<th>Cost</th>
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### Grand Total
- **Labor**: $21,767.98
- **Equipment**: $3,982.82
- **Material**: $2,589.86
- **Contractor**: $0.00
- **Indirect**: $14,913.76
- **Total**: $43,254.42
Cleaned out 736 LF of roadside ditch.

Cleaned out 796 LF of roadside ditch.

Cleaned out 193 LF of roadside ditch.

Cleaned out 194 LF of roadside ditch.

Cleaned out 1,015 LF of roadside ditch.

Replaced (1) driveway pipe.
Project: Iron Gate Subdivision Map 2
Activity: Routine/Preventive Maintenance
Project #: 2015-528
Township: Port Royal Island
Completed: April 2015

Legend

- River
- Creek/Stream
- River/Creek/Marsh BANK
- Channel (fka Outfall)
- Channel Pipe
- Lateral
- Lateral Pipe
- Roadside
- Roadside Pipe
- Road Pipe
- Crossline Pipe
- Driveway Pipe
- Driveway Pipe
- Access Pipe
- Access Pipe
- Bleeder Pipe

Legend:

- TYPE

- River
- Creek/Stream
- River/Creek/Marsh BANK
- Channel (fka Outfall)
- Channel Pipe
- Lateral
- Lateral Pipe
- Roadside
- Roadside Pipe
- Road Pipe
- Crossline Pipe
- Driveway Pipe
- Driveway Pipe
- Access Pipe
- Access Pipe
- Bleeder Pipe

Cleaned out 500 LF of channel by hand.

Cleaned out 1,280 LF of roadside ditch.

Cleaned out 68 LF of roadside ditch.

Hydroseeded for erosion control.
Jetted (4) driveway pipes and (1) crossline pipe.

Jetted (5) driveway pipes.

Jetted (6) driveway pipes.

Jetted (2) crossline pipes.
Project: Iron Gate Subdivision Map 4
Activity: Vacuum Truck
Project #: 2015-528
Township: Port Royal Island
Completed: April 2015

Legend
TYPE
- River
- Creek/Stream
- River/Creek/Marsh BANK
- Channel (fka Outfall)
- Channel Pipe
- Lateral
- Lateral Pipe
- Roadside
- Roadside Pipe
- Road Pipe
- Crossline Pipe
- Driveway Pipe
- Driveway Pipe
- Access Pipe
- Bleeder Pipe

Jetted 160 LF of channel pipe.
Jetted 220 LF of channel pipe.
Jetted (1) crossline pipe.
Beaufort County
Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Powell Drive

Activity: Routine/Preventive Maintenance

Completion: Apr-15

Narrative Description of Project:

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<th>Labor Hours</th>
<th>Labor Cost</th>
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</table>

2015-585 / Powell Drive Sub Total

Grand Total

Before

During

After
Project: Powell Drive Map 1

Activity: Routine/Preventive Maintenance

Project #: 2015-585

Township: Port Royal Island

Completed: April 2015

Legend

- River
- Creek/Stream
- River/Creek/Marsh BANK
- Channel (fka Outfall)
- Channel Pipe
- Lateral
- Lateral Pipe
- Roadside
- Roadside Pipe
- Road Pipe
- Crossline Pipe
- Driveway Pipe
- Access Pipe
- Bleeder Pipe

Cleaned out 670 LF of roadside ditch. Hydroseeded for erosion control.

Cleaned out 817 LF of roadside ditch. Hydroseeded for erosion control.

Cleaned out 944 LF of roadside ditch. Hydroseeded for erosion control.
Project: Powell Drive Map 2

Activity: Routine/Preventive Maintenance

Project #: 2015-585

Township: Port Royal Island

Completed: April 2015

Legend

<table>
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</tr>
<tr>
<td>Creek/Stream</td>
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</tr>
<tr>
<td>River/Creek/Marsh BANK</td>
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</tr>
<tr>
<td>Channel (fka Outfall)</td>
<td>Cyan</td>
</tr>
<tr>
<td>Channel Pipe</td>
<td>Black</td>
</tr>
<tr>
<td>Lateral</td>
<td>Orange</td>
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<tr>
<td>Lateral Pipe</td>
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</tr>
<tr>
<td>Roadside</td>
<td>Green</td>
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<td>Roadside Pipe</td>
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<tr>
<td>Road Pipe</td>
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<tr>
<td>Crossline Pipe</td>
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<td>Driveway Pipe</td>
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<td>Access Pipe</td>
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<td>Bleeder Pipe</td>
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</table>

Prepared By: BC Stormwater Management Utility
Date Print: 5/5/15

File:C:/sethdata/projects/projectmaps/Powell Dr 2015-585 Map2
Project: Powell Drive Map 3
Activity: Vacuum Truck
Project #: 2015-585
Township: Port Royal Island
Completed: April 2015

Legend

TYPE
River
Creek/Stream
River/Creek/Marsh BANK
Channel (fka Outfall)
Channel Pipe
Lateral
Lateral Pipe
Roadside
Roadside Pipe
Road Pipe
Crossline Pipe
Driveway Pipe
Access Pipe
Bleeder Pipe

Jetted (2) driveway pipes.
Jetted (3) driveway pipes.
Jetted (4) driveway pipes.

Prepared By: BC Stormwater Management Utility
Date Print: 5/5/15
File:C:/sethdata/projects/projectmaps/Vac/Powell Dr 2015-585 Map3
**Project Summary**: Prescott Road

**Activity**: Routine/Preventive Maintenance

**Completion**: Mar-15

**Narrative Description of Project:**
Constructed weir for runoff.

### 2013-627 / Prescott Road

<table>
<thead>
<tr>
<th></th>
<th>Labor Hours</th>
<th>Labor Cost</th>
<th>Equipment Cost</th>
<th>Material Cost</th>
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<th>Indirect Labor</th>
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### 2013-627 / Prescott Road Sub Total

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<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total</strong></td>
<td><strong>27.5</strong></td>
<td><strong>$653.81</strong></td>
<td><strong>$67.41</strong></td>
<td><strong>$34.25</strong></td>
<td><strong>$0.00</strong></td>
<td><strong>$422.88</strong></td>
<td><strong>$1,178.34</strong></td>
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</table>
Project: Prescott Road
Activity: Routine/Preventive Maintenance
Project #: 2013-627
Township: Sheldon
Completed: March 2015

Legend
- **TYPE**
  - River
  - Creek/Stream
  - River/Creek/Marsh BANK
  - Channel (fka Outfall)
  - Channel Pipe
  - Lateral
  - Lateral Pipe
  - Roadside
  - Roadside Pipe
  - Road Pipe
  - Crossline Pipe
  - Driveway Pipe
  - Access Pipe
  - Bleeder Pipe

Constructed weir for runoff.
Beaufort County
Public Works
Stormwater Infrastructure
Project Summary

**Project Summary:** Beaufort County Administration Building - Pond

**Narrative Description of Project:**
Hydroseeded perimeter of pond.

**Activity:** Routine/Preventive Maintenance

**Completion:** Mar-15

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
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<tr>
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<td>$396.76</td>
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</table>

Sub Total

| Grand Total | 46.5 | $1,039.31 | $106.88 | $396.76 | $0.00 | $725.24 | $2,268.19 |

Before

During

After
Project: Beaufort County Admin-Pond Maintenance

Activity: Pond Maintenance

Project #: 2015-322

Township: City Of Beaufort

Completed: March 2015

Legend

Drainage Type
- Access Pipe
- Bleeder Pipe
- Channel Pipe
- Channel
- Stream
- Crossline Pipe
- Driveway Pipe
- Lateral
- Lateral Pipe
- River
- Road Pipe
- Roadside
- Roadside Pipe

Prepared By: BC Stormwater Management Utility
Date Print: 03/11/2015
File: C:\project summaries map\Beaufort County Admin Bldg-Pond Maintenance_2015-322
**Project Summary:** Beaufort Industrial Village Bldg #1

**Narrative Description of Project:**
Cleaned out (1) storm drain due to illicit drainage.

**Activity:** Routine/Preventive Maintenance

**Completion:** Mar-15

<table>
<thead>
<tr>
<th>Description</th>
<th>Hours</th>
<th>Labor Cost</th>
<th>Equipment Cost</th>
<th>Material Cost</th>
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<th>Indirect Cost</th>
<th>Total Cost</th>
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<tr>
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<td>$11.40</td>
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<td>$0.00</td>
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<td><strong>$8.60</strong></td>
<td><strong>$0.00</strong></td>
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<td><strong>$596.71</strong></td>
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</table>

**Grand Total**

<table>
<thead>
<tr>
<th>Hours</th>
<th>Labor Cost</th>
<th>Equipment Cost</th>
<th>Material Cost</th>
<th>Contractor Cost</th>
<th>Indirect Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.5</td>
<td>$343.00</td>
<td>$17.70</td>
<td>$8.60</td>
<td>$0.00</td>
<td>$227.41</td>
<td>$596.71</td>
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</table>
Cleaned out (1) storm drain due to illicit drainage.
Project Summary: River Oaks Road

Narrative Description of Project:
Project improved 530 L.F. of drainage system. Cleaned out 530 L.F. of roadside ditch. Jetted (2) driveway pipes.

<table>
<thead>
<tr>
<th>2015-592 / River Oaks Road</th>
<th>Labor Hours</th>
<th>Labor Cost</th>
<th>Equipment Cost</th>
<th>Material Cost</th>
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<th>Indirect Labor</th>
<th>Total Cost</th>
</tr>
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<tbody>
<tr>
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<td>$0.00</td>
<td>$0.00</td>
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<td>$18.01</td>
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<tr>
<td>DPJT / Driveway Pipe - Jetted</td>
<td>4.0</td>
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<td>$0.00</td>
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<tr>
<td>HAUL / Hauling</td>
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<td>ONJV / Onsite Job Visit</td>
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Grand Total: 65.5 hours, $1,470.74 labor cost, $265.82 equipment cost, $84.29 material cost, $0.00 contractor cost, $956.05 indirect labor cost, $2,776.89 total cost.

Activity: Routine/Preventive Maintenance
Completion: Mar-15

Before, During, After images:
- Before image showing a muddy roadside ditch
- During image showing water being jetted into a driveway pipe
- After image showing a clear and clean roadside ditch with no water present
Cleaned out 530 LF of roadside ditch.

Project: River Oaks Road Map 1
Activity: Routine/Preventive Maintenance
Project #: 2015-592
Township: Sheldon
Completed: March 2015

Legend
TYPE
- River
- Creek/Stream
- River/Creek/Marsh BANK
- Channel (fka Outfall)
- Channel Pipe
- Lateral
- Lateral Pipe
- Roadside
- Roadside Pipe
- Road Pipe
- Crossline Pipe
- Driveway Pipe
- Access Pipe
- Bleeder Pipe

Prepared By: BC Stormwater Management Utility
Date Print: 5/4/15
File:C:/sethdata/projects/projectmaps/River Oaks Rd 2015-592 Map1

1 inch = 115 feet
Jetted (2) driveway pipes.
Beaufort County
Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Wimbee Landing Road Channel #1

Activity: Routine/Preventive Maintenance

Completion: Mar-15

Narrative Description of Project:
Project improved 1,281 L.F. of drainage system. Cleaned out 1,281 L.F. of channel. Jetted (2) driveway pipes.

<table>
<thead>
<tr>
<th>2015-587 / Wimbee Landing Rd Ch #1</th>
<th>Labor Hours</th>
<th>Labor Cost</th>
<th>Equipment Cost</th>
<th>Material Cost</th>
<th>Contractor Cost</th>
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<th>Total Cost</th>
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<td>$0.00</td>
<td>$0.00</td>
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<td>$18.01</td>
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Grand Total: $5,377.88

Before

During

After
Cleaned out 899 LF of channel.

Cleaned out 382 LF of channel.
Jetted (2) driveway pipes.
### Project Summary: Joe Fraizer Road Channel #1

**Activity:** Routine/Preventive Maintenance

**Completion:** Mar-15

**Narrative Description of Project:** Removed blockage from flowline by hand.

<table>
<thead>
<tr>
<th>Description</th>
<th>Labor Hours</th>
<th>Labor Cost</th>
<th>Equipment Cost</th>
<th>Material Cost</th>
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<th>Total Cost</th>
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<td><strong>$0.00</strong></td>
<td><strong>$94.94</strong></td>
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<tr>
<td><strong>Sub Total</strong></td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>Grand Total</strong></td>
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<td><strong>$7.08</strong></td>
<td><strong>$4.30</strong></td>
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<td><strong>$94.94</strong></td>
<td><strong>$250.35</strong></td>
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(Pictures Not Available)
Removed blockage from flowline by hand.

Project: Joe Frazier Road
Activity: Routine/Preventive Maintenance
Project #: 2015-595
Township: Port Royal Island
Completed: March 2015

Legend

- River
- Creek/Stream
- River/Creek/Marsh BANK
- Channel (fka Outfall)
- Channel Pipe
- Lateral
- Lateral Pipe
- Roadside
- Roadside Pipe
- Road Pipe
- Crossline Pipe
- Driveway Pipe
- Access Pipe
- Bleeder Pipe

Prepared By: BC Stormwater Management Utility
Date Print: 5/4/15
File: C:/sethdata/projects/projectmaps/Joe Fraizer Rd 2015-595
**Project Summary:** Beaufort County Public Works

**Stormwater Infrastructure**

**Project Summary:** County Shed Road Channel #1

**Activity:** Routine/Preventive Maintenance

**Completion:** Mar-15

---

**Narrative Description of Project:**
Project improved 1,610 L.F. of drainage system. Cleaned out 190 L.F. of roadside ditch and 1,420 L.F. of channel.

---

### Project Costs

<table>
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<th>Labor Cost</th>
<th>Equipment Cost</th>
<th>Material Cost</th>
<th>Contractor Cost</th>
<th>Indirect Labor</th>
<th>Total Cost</th>
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<td>$43.00</td>
<td>$0.00</td>
<td>$288.40</td>
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<tr>
<td>ONJ V / Onsite Job Visit</td>
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<td>$194.86</td>
<td>$14.48</td>
<td>$7.12</td>
<td>$0.00</td>
<td>$142.80</td>
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**Grand Total**

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<th>Material Cost</th>
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<th>Total Cost</th>
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<tbody>
<tr>
<td><strong>63.5</strong></td>
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<td><strong>75.98</strong></td>
<td><strong>$0.00</strong></td>
<td><strong>$2,862.83</strong></td>
</tr>
</tbody>
</table>

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![Before](image1)

![During](image2)

![After](image3)
Project: County Shed Road
Channel #1

Activity: Routine/Preventive Maintenance

Project #: 2015-604

Township: Port Royal Island

Completed: March 2015

Legend

TYPE

River
Creek/Stream
River/Creek/Marsh BANK
Channel (fka Outfall)
Channel Pipe
Lateral
Lateral Pipe
Roadside
Roadside Pipe
Road Pipe
Crossline Pipe
Driveway Pipe
Driveway Pipe
Access Pipe
Bleeder Pipe

Cleaned out 1,420 LF of channel.

Cleaned out 190 LF of roadside ditch.
Project Summary: Stroman Lane

Narrative Description of Project:

<table>
<thead>
<tr>
<th>2015-605 / Stroman Lane</th>
<th>Labor Hours</th>
<th>Labor Cost</th>
<th>Equipment Cost</th>
<th>Material Cost</th>
<th>Contractor Cost</th>
<th>Indirect Labor</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUDIT / Audit Project</td>
<td>0.5</td>
<td>$10.23</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$6.62</td>
<td>$16.85</td>
</tr>
<tr>
<td>DPJT / Driveway Pipe - Jetted</td>
<td>4.0</td>
<td>$89.36</td>
<td>$41.84</td>
<td>$9.45</td>
<td>$0.00</td>
<td>$59.82</td>
<td>$200.47</td>
</tr>
<tr>
<td>HAUL / Hauling</td>
<td>10.0</td>
<td>$192.80</td>
<td>$79.90</td>
<td>$21.50</td>
<td>$0.00</td>
<td>$144.20</td>
<td>$438.40</td>
</tr>
<tr>
<td>ONJV / Onsite Job Visit</td>
<td>1.0</td>
<td>$44.27</td>
<td>$0.00</td>
<td>$1.78</td>
<td>$0.00</td>
<td>$33.96</td>
<td>$80.01</td>
</tr>
<tr>
<td>RSDCL / Roadside Ditch - Cleanout</td>
<td>40.0</td>
<td>$893.80</td>
<td>$114.36</td>
<td>$63.87</td>
<td>$0.00</td>
<td>$567.90</td>
<td>$1,639.93</td>
</tr>
<tr>
<td>2015-605 / Stroman Lane</td>
<td>55.5</td>
<td>$1,230.46</td>
<td>$236.10</td>
<td>$96.60</td>
<td>$0.00</td>
<td>$812.50</td>
<td>$2,375.66</td>
</tr>
</tbody>
</table>

Sub Total

Grand Total

Before

During

After
Cleaned out 221 LF of roadside ditch. Hydroseeded for erosion control.

Cleaned out 185 LF of roadside ditch. Hydroseeded for erosion control.
Jetted (2) driveway pipes.
**Project Summary:** Witsell Road

**Activity:** Routine/Preventive Maintenance

**Completion:** Apr-15

**Narrative Description of Project:**
Replaced (1) crossline pipe.

<table>
<thead>
<tr>
<th>2015-583 / Witsell Road</th>
<th>Labor Hours</th>
<th>Labor Cost</th>
<th>Equipment Cost</th>
<th>Material Cost</th>
<th>Contractor Cost</th>
<th>Indirect Labor</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUDIT / Audit Project</td>
<td>0.5</td>
<td>$11.40</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$6.62</td>
<td>$18.01</td>
</tr>
<tr>
<td>CPRPL / Crossline Pipe - Replaced</td>
<td>60.0</td>
<td>$1,286.20</td>
<td>$217.55</td>
<td>$348.25</td>
<td>$0.00</td>
<td>$848.30</td>
<td>$2,700.30</td>
</tr>
<tr>
<td>Haul / Hauling</td>
<td>10.0</td>
<td>$216.30</td>
<td>$79.90</td>
<td>$652.25</td>
<td>$0.00</td>
<td>$144.20</td>
<td>$1,092.65</td>
</tr>
<tr>
<td>ONJV / Onsite Job Visit</td>
<td>2.0</td>
<td>$66.36</td>
<td>$7.08</td>
<td>$9.08</td>
<td>$0.00</td>
<td>$48.94</td>
<td>$131.46</td>
</tr>
<tr>
<td>UTLOC / Utility locates</td>
<td>0.5</td>
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<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$6.62</td>
<td>$16.85</td>
</tr>
<tr>
<td>Sub Total</td>
<td>73.0</td>
<td>$1,590.49</td>
<td>$304.53</td>
<td>$1,009.57</td>
<td>$0.00</td>
<td>$1,054.67</td>
<td>$3,959.26</td>
</tr>
</tbody>
</table>

**Grand Total**

| 73.0 | $1,590.49 | $304.53 | $1,009.57 | $0.00 | $1,054.67 | $3,959.26 |
Replaced (1) crossline pipe.
Project Summary: Sheriff's Camp Channel #1

Activity: Routine/Preventive Maintenance

Completion: Apr-15

Narrative Description of Project:
Project improved 158 L.F. of drainage system. Cleaned out 158 L.F. of channel by hand.

<table>
<thead>
<tr>
<th>Description</th>
<th>Labor Hours</th>
<th>Labor Cost</th>
<th>Equipment Cost</th>
<th>Material Cost</th>
<th>Contractor Cost</th>
<th>Indirect Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUDIT / Audit Project</td>
<td>0.5</td>
<td>$10.23</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$6.62</td>
<td>$16.85</td>
</tr>
<tr>
<td>CCO / Channel - cleaned out</td>
<td>14.0</td>
<td>$311.05</td>
<td>$24.78</td>
<td>$8.90</td>
<td>$0.00</td>
<td>$207.90</td>
<td>$552.63</td>
</tr>
<tr>
<td>HAUL / Hauling</td>
<td>5.0</td>
<td>$119.90</td>
<td>$17.70</td>
<td>$8.90</td>
<td>$0.00</td>
<td>$82.35</td>
<td>$228.85</td>
</tr>
<tr>
<td>ONJV / Onsite Job Visit</td>
<td>1.0</td>
<td>$33.18</td>
<td>$3.62</td>
<td>$5.34</td>
<td>$0.00</td>
<td>$24.47</td>
<td>$66.61</td>
</tr>
<tr>
<td><strong>2015-589 / Sheriffs Camp Channel #1</strong></td>
<td><strong>20.5</strong></td>
<td><strong>$474.36</strong></td>
<td><strong>$46.10</strong></td>
<td><strong>$23.14</strong></td>
<td><strong>$0.00</strong></td>
<td><strong>$321.34</strong></td>
<td><strong>$864.94</strong></td>
</tr>
</tbody>
</table>

Grand Total

|                      | 20.5       | $474.36    | $46.10         | $23.14        | $0.00           | $321.34       | $864.94    |

(Pictures Not Available)
Project: Sheriff’s Camp Channel #1

Activity: Routine/Preventive Maintenance

Project #: 2015-589

Township: Lady’s Island

Completed: April 2015

Legend

- **TYPE**
  - River
  - Creek/Stream
  - River/Creek/Marsh BANK
  - Channel (fka Outfall)
  - Channel Pipe
  - Lateral
  - Lateral Pipe
  - Roadside
  - Roadside Pipe
  - Road Pipe
  - Crossline Pipe
  - Driveway Pipe
  - Access Pipe
  - Bleeder Pipe

Cleaned out 158 LF of channel by hand.
Beaufort County
Public Works
Stormwater Infrastructure
Project Summary

Project Summary: Lightsey Road

Activity: Routine/Preventive Maintenance

Completion: Apr-15

Narrative Description of Project:
Project improved 130 L.F. of drainage system. Cleaned out 130 L.F. of roadside ditch. Replaced (1) crossline pipe.

<table>
<thead>
<tr>
<th>2015-598 / Lightsey Road</th>
<th>Labor Hours</th>
<th>Labor Cost</th>
<th>Equipment Cost</th>
<th>Material Cost</th>
<th>Contractor Cost</th>
<th>Indirect Cost</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audit Project</td>
<td>0.5</td>
<td>$10.23</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$6.62</td>
<td>$16.85</td>
</tr>
<tr>
<td>CPRPL / Crossline Pipe - Replaced</td>
<td>50.0</td>
<td>$1,107.60</td>
<td>$192.44</td>
<td>$268.67</td>
<td>$0.00</td>
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</tr>
<tr>
<td>HAUL / Hauling</td>
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<td>$67.36</td>
<td>$92.16</td>
<td>$0.00</td>
<td>$201.88</td>
<td>$664.22</td>
</tr>
<tr>
<td>ONJV / Onsite Job Visit</td>
<td>11.0</td>
<td>$354.96</td>
<td>$39.58</td>
<td>$21.36</td>
<td>$0.00</td>
<td>$250.45</td>
<td>$666.35</td>
</tr>
<tr>
<td>PRRECON / Project Reconnaissance</td>
<td>4.0</td>
<td>$89.36</td>
<td>$26.62</td>
<td>$4.30</td>
<td>$0.00</td>
<td>$59.82</td>
<td>$180.10</td>
</tr>
<tr>
<td>RSDCL / Roadside Ditch - Cleanout</td>
<td>24.0</td>
<td>$490.96</td>
<td>$89.14</td>
<td>$37.76</td>
<td>$0.00</td>
<td>$330.48</td>
<td>$948.34</td>
</tr>
</tbody>
</table>

2015-598 / Lightsey Road

| Sub Total                  | 103.5       | $2,355.93   | $415.14        | $424.25       | $0.00          | $1,587.85     | $4,783.16  |

Grand Total

| 103.5 | $2,355.93 | $415.14 | $424.25 | $0.00 | $1,587.85 | $4,783.16 |
Cleaned out 130 LF of roadside ditch. Replaced (1) crossline pipe.
1. CALL TO ORDER – 2:00 p.m.
   A. Approval of Agenda
   B. Approval of Minutes – May 20, 2015 (backup)

2. INTRODUCTIONS

3. PUBLIC COMMENT

4. REPORTS
   A. Utility Update – Eric Larson, P.E. (backup)
   B. MS4 Update - Eric Larson, P.E. (backup)
   C. Monitoring Update – Eric Larson, P.E. (backup)
   D. Stormwater Implementation Committee Report – Eric Larson, P.E. (backup)
   E. Stormwater Related Projects – Eric Larson, P.E. (backup)
   G. Regional Coordination – Eric Larson, P.E. (backup)
   H. Financial Report (backup)
   I. Maintenance Projects Report – Eddie Bellamy (backup)

5. UNFINISHED BUSINESS – (backup)

6. NEW BUSINESS
   A. Rate Study Final Report – ATM and Eric Larson, P.E. (backup)
   B. Stormwater Management Utility Budget – ATM and Eric Larson, P.E. (backup)
   C. Revised Ordinance Presentations - ATM and Eric Larson, P.E. (backup)

7. PUBLIC COMMENT

8. NEXT MEETING AGENDA
   A. August 26, 2015 (backup)

9. ADJOURNMENT