

BEAUFORT COUNTY STORMWATER MANAGEMENT UTILITY BOARD AGENDA Wednesday, October 14, 2020 2:00 p.m. WebEx 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 September 9, 2020 (backup)
- 2. INTRODUCTIONS
- 3. PUBLIC COMMENT
- 4. REPORTS
 - A. Utility Update Katie Herrera (backup)
 - B. Monitoring Update Katie Herrera (backup)
 - C. Stormwater Related Projects Katie Herrera (backup)
 - D. Upcoming Professional Contracts Report Katie Herrera(backup)
 - E. Regional Coordination Katie Herrera (backup)
 - F. Municipal Reports Katie Herrera (backup)
 - G. MS4 Update Katie Herrera (backup)
 - H. Maintenance Projects Report Matthew Rausch (backup)

5. UNFINISHED BUSINESS

A. SoLoCo Design Manual and Stormwater Ordinance - Katie Herrera (backup)

- 6. NEW BUSINESS
 - A. Draft 2021 SWUB calendar Neil Desai (backup)
 - B. Virtual Meeting Sessions Katie Herrera
- 7. PUBLIC COMMENT
- NEXT MEETING AGENDA A. November 10, 2020 (backup)
- 9. ADJOURNMENT







Beaufort County Stormwater Management Utility Board (SWMU Board) Meeting Minutes September 9, 2020 at 2:00 p.m. via WebEx.

Draft Minutes 09/09/2020

Board Members

Ex-Officio Members

PresentAbsentJames ClarkAllyn SchneiderJames FargherPatrick MitchellMarc FeinbergSteven AndrewsWilliam BruggemanSteven Andrews

Present Kim Jones Scott Liggett Van Willis Absent Nate Farrow

Beaufort County Staff

Jennifer Smith Katie Herrera Matthew Rausch Tanner Powell

Visitors

Alice Howard, District 4, County Council Bill Hodges, Center for Watershed Protection Bridgette Noonan, Town of Bluffton Ellen Sturup Comeau, Clemson Extension Jeff Netzinger, Town of Hilton Head

1. Meeting called to order – William Bruggeman at 2:00 pm

- A. Agenda Approved with the following update:
 - James Fargher suggested moving presentations (#6 agenda item) after Public comment
 - James Clark motion, Fargher second, all approved.
- B. July 8, 2020 Minutes Approved

2. Introductions – Completed.

3. Public Comment(s) – None.

6 agenda item "New Business moved

New Business –

- A. Malind Bluff Presentation Tanner Powell
 - Tanner submitted a power point presentation (attached).
 - Billy asked the question, when a development has been put into place and the area is already impaired, are we requiring the development to do anything to make sure the impairment gets any worse. Tanner's responded that DHEC rules are followed.
 - 2nd question from Billy: *How are the Stormwater detention pond going to be classified*? Tanner responded that it will be a *Wet detention pond*.
- B. SoLoCo Special Presentation Bill Hodgins CWP

- Bill Hodgins with Watershed Protection presented a power point presentation (attached) Billy asked a question concerning bringing other jurisdiction into other counties. Kim Jones stated that is not the intent to bring other jurisdictions in.
- C. SoLoCo Design Manual and Ordinance Katie Herrera
 - Katie presented a power point presentation (attached).
 - Questions
- Marc Feinberg asked if incentives are published. Katie stated that incentives are not currently published but will be included in the credit manual.
- Billy asked about the timeline. Katie responded that the timeline is set so that items are easy to implement
- Billy asked if we're getting comments. Bill stated that the majority of the comments came from the developer engineers and only a few from the public.
- Billy asked if they could have the manual to review and Marc Feinberg asked seeing the table of content. Kim Jones stated that the design manual is available online to review on the site Appendix A of the draft document.
- Marc Feinberg asked in reviewing home sites are there any way to distinguish for percentages. Kim stated that the home sets are small and doesn't trigger anything with Stormwater.

4.Reports

Report attached in agenda *Highlights:*

- A. Utility Update Katie Herrera
 - ✓ Southern Lowcountry Regional Board (SoLoCo)
 - a) The current schedule for completion and finalization on the document and activities of Center for Watershed Protection (CWP) is as follows:
 - ✓ Remaining project milestones to be completed:
 - CWP final presentation to the Board, scheduled for today's September 9th meeting.
 - ✓ Reminder: Annual Financial report from the Municipalities are due Per the Intergovernmental Agreements for the Utility, each year on September 30th, the City and Towns are required to submit a summary of revenue and expenditures for the previous fiscal year.

B. Monitoring Update – Katie Herrera

- No information was available at the time of this report.
- C. Stormwater Related Projects Katie Herrera

Report attached in agenda

Highlights:

- ✓ Graves Property / Pepper Hall Public / private partnership Engineer has submitted conceptual Stormwater Permit plans for roads and infrastructure on the Graves Property. Staff is waiting for Stormwater Master Plan for Graves Property. Engineer is currently working on obtaining all other required permits. Site visit with Mr. Graves on August 21st.
- ✓ Lady's Island Plan, Sea Level Rise, and "no-fill" ordinance Draft Beaufort County Sea Level Rise Taskforce recommendations were received on June 1st, 2020. Draft ordinance recommendations were provided to staff on June 26th. Staff met with Sea Level Rise Task force group August 13th and 25th to provide recommendations and feedback. Task force is still meeting but anticipated implementation first round of recommendations on January 1, 2021.

D. Professional Contracts Report – Katie Herrera

Report attached in agenda *Highlights:*

- ✓ Evergreen Regional Pond 319 grant project (Design=\$89,286, Construction=\$590,000. Grant=\$229,124) – 100% Design submittal.
- RFQ for Stormwater engineering consulting services was advertised on May 25th, 2020. RFQ closed on June 30th, 2020. Staff received 10 proposals for review. Evaluation and discussion of proposals occurred on August 7th, 2020. A consultant was chosen on August 27th. Anticipated contract award date is sometime in late September.

E. **Regional Coordination** – Katie Herrera Report attached in agenda

Highlights:

Town of Bluffton and Beaufort County Joint meetings on Sanitary Sewer in the May River watershed – Beaufort County Legal department has provided a memo stating Stormwater Utility fees must be limited in scope to only be used to fund the utility's programs, services, systems, and facilities. Any use for this project will need to fall within the limitations provided above.

F. **Municipal Reports** – Katie Herrera Report attached in agenda *Highlights:*

- ✓ Town of Bluffton (From Kim Jones, Watershed Management Division Director)
 - Kim stated that Bridgette Noonan has been promoted to Stormwater Technician.
 - Received notice that Town of Bluffton has received its 5th 319 grant for \$180k. Total for 319 grant since 2009 \$1.55 million.

✓ City of Beaufort (From Nate Farrow, Public Works Director)

- No information was available at the time of this report.
- Town of Port Royal (From Van Willis, Town Manager and Tony Maglione, consultant)
 No information was available at the time of this report.

G. **MS4 Update** – Katie Herrera Report attached in agenda *Highlights:*

- ✓ Public Education
 - Ellen Sturup Comeau did a social media outreach based around pet waste. Found out it was successful reaching people.
- ✓ Energov permitting software Staff met with Energov implementation team on August 24th to go over updates SoLoCo may require. Overall impact will be minimal to the work already done in the system. Energov staff is still working on the behind the scenes components of the software, which will require 1-2 more weeks to complete. Once that work has been finished, testing can begin. An updated timeline was asked for but was not given, however Energov staff still seemed confident with the November 2020 time frame.

H. Maintenance Projects Report – Matthew Rausch

Report attached in agenda

Highlights:

- Six projects totaling \$63,914.90
 - Port Royal Island Bush Hog Port Royal Island (SWUD 6/9): \$45,549.79.
 - Town of Hilton Head Island Vacuum Truck Hilton Head Island (SWUD 3): \$9,329.63.
 - o Old Dawson Acres Sheldon (SWUD 5): \$3,705.57.
 - Tom Fripp Road St Helena Island (SWUD 8): \$2,080.52.
 - o Sheldon Vacuum Truck Sheldon (SWUD 5): \$2,005.09.
 - o Lady's Island Washout Repair Lady's Island (SWUD 7): \$1,244.30.

5. Unfinished Business – None

6. Moved up after agenda item #3 Public Comment

7. Public Comment(s) – from Facebook

- ✓ Jack Diver- *is the manual available*
- ✓ Meg James- Would it be helpful to have Builder, Developers and Engineers on a zoom call with y'all to discuss?
- Kim stated, she and Bill Bower purchased a page in the Hilton Head area home builders association and the manual has been introduced and it's a good idea to redo the manual with the changes.

8. Next Meeting Agenda – Approved

- ✓ Billy stated to add the Publix presentation
 - Kim stated she will get with her staff to see who's available to put the presentation together for either October or November's meeting. Kim will let Katie and Jennifer know when it's available to present for agenda purposes
- ✓ Marc Feinberg stated to add voting on the SoLoCo ordinance under Unfinished Business

9. Meeting Adjourned





October 14th, 2020

Stormwater Manager's Report for the Stormwater Utility Board Meeting

Utility Update

- 1. Southern Lowcountry Regional Board (SoLoCo)
 - a) The current schedule for completion and finalization on the document and activities of Center for Watershed Protection (CWP) is as follows:

Remaining project milestones to be completed:

- All CWP project milestones have been completed
- Municipalities to work through individual implementation schedules
- 2. Regionalization
 - a) Regional Stormwater Design Standard and Model Ordinance Project See update above.
 - b) Regionalization of programs With the finalization of the Regional Stormwater Design Standard and Model Ordinance it is hoped each participating jurisdiction will adopt these policy documents for implementation to provide consistent administration of Stormwater Management guidelines and policies in the region. Discussions of a Regional Stormwater Authority to administer the adopted guidelines and policies holistically within the region/jurisdictions can be fostered.
- 3. Special presentation suggestions -
 - Suggestions for Future Meetings?
- 4. Military installation and other State and Federal properties SWU fees See "Delinquent Accounts" below. Staff continues to work with GIS to update impervious area layers for the military installations.
- 5. Delinquent accounts Phase I Investigations with Gentry Locke Attorneys (looking at data, laws, ordinances, synopsis of case law) to provide recommendations and likely outcomes of either negotiations or litigation.
 - Gentry Locke continues to do research on delinquent fees.
- 6. Reminder: Annual Financial report from the Municipalities are due Per the Intergovernmental Agreements for the Utility, each year on September 30th, the City and Towns are required to submit a summary of revenue and expenditures for the previous fiscal year.
 - a) Beaufort County Not received.
 - b) Town of Hilton Head Island Not received.
 - c) Town of Bluffton Received. Attached.

- d) Town of Port Royal Not received.
- e) City of Beaufort Not received

Monitoring Update

1. Lab Update (From Dr. Alan Warren and Lab Manager Danielle Mickel). Attached

Stormwater Related Projects

- 1. Easements Staff is working on easement requests and meets monthly to review status. A few condemnations are still being pursued using outside legal counsel.
- 2. Complaints Staff continually works numerous drainage related complaints each month.
 - a) Flyover bridge preventative maintenance and deferred maintenance repairs Last update: Consultant working on preliminary design and permitting. Consultant is proceeding to apply for the wetland/critical area permit from the state & federal agencies.
 - b) Shell Point Community Meeting —Cranston Engineering has finalized the field drainage inventory work and are now working on creating a model for the region.
- 3. Factory Creek Watershed Regional Detention Basin "Phase I" & Academy Park Subdivision (Design Cost \$49,873, Tree Mitigation Cost \$18,200 & \$18,200, Construction Cost by the Developer) – Construction on-going and estimated to be 60% complete.
- 4. Factory Creek Watershed Regional Detention Basin "Phase II" (Design Cost = \$63,390, Tree Mitigation Cost is pending, Construction Cost by the Developer) Construction on-going and estimated to be 80% complete.
- 5. Graves Property / Pepper Hall Public / private partnership Engineer has submitted conceptual Stormwater Permit plans for roads and infrastructure on the Graves Property. Staff received the Stormwater Master Plan from Davis and Floyd on August 18th. Staff met with Davis and Floyd team to discuss and provided a formal response on September 18th. Waiting on comments to be addressed before moving forward with acceptance of Stormwater Master Plan.
- 6. Whitehall property purchase County staff met to review the conceptual Stormwater masterplan for the property with the engineer on June 1st, 2020. No further updates at this time.
- 7. US 278 "super street" widening on Jenkins Island (Windmill Harbor area) No update at

this time.

 Lady's Island Plan, Sea Level Rise, and "no-fill" ordinance – Draft Beaufort County Sea Level Rise Taskforce recommendations were received on June 1st, 2020. Draft ordinance recommendations were provided to staff on June 26th. Staff did not meet in the month of September. Task force is still meeting but anticipated implementation first round of recommendations on January 1, 2021.

Professional Contracts Report

- 1. CIP FY 18 Grouping Stormwater Projects (Design Ward Edwards \$202,000, Andrews Engineering \$560,490, Const. est. \$5,512,900) All projects are in early design phase.
 - a) Salt Creek and Shanklin Road 30% Design submittal under review. Right-ofway acquisition areas being assessed and Notice to property owners affected by project work and property acquisition requirements being finalized. Notification to residents mailed, very little response received.
 - b) Brewer Memorial SCDOT has approved County request for pipe diversion and consultant is preparing final design and permitting. Consultant contacting Clemson Extension for possible educational partnership.
- 2. Evergreen Regional Pond 319 grant project (Design=\$89,286, Construction=\$590,000. Grant=\$229,124) 100% Design submittal.
- 3. RFQ for Stormwater engineering consulting services was advertised on May 25th, 2020. RFQ closed on June 30th, 2020. Staff received 10 proposals for review. Evaluation and discussion of proposals occurred on August 7th, 2020. A consultant was chosen on August 27th. The contract was approved for award by Council on September 28th, 2020. The contract was awarded to Woolpert.

Regional Coordination

- 1. Town of Bluffton and Beaufort County Joint meetings on Sanitary Sewer in the May River watershed No update at this time.
- 2. Mossy Oaks Task Force No update at this time.
- 3. Charleston Area MS4 managers group No update at this time.
- 4. May River Watershed Modeling See municipal reports for more information.

5. Port Royal Sound Conservation Working Group – No additional update at this time.

Municipal Reports

- 1. Town of Hilton Head Island (From Jeff Netzinger, Stormwater Manager and Brian Eber, MS4 Coordinator)
 - i. No information was available at the time of this report.
- Town of Bluffton (From Kim Jones, Watershed Management Division Director)

 See Attached.
- City of Beaufort (From Nate Farrow, Public Works Director)
 i. No information was available at the time of this report.
- 4. Town of Port Royal (From Van Willis, Town Manager and Tony Maglione, consultant)i. No information was available at the time of this report.

MS4 Report

- 1. Plan Review <u>See the attached chart</u> for Beaufort County Stormwater staff plan review workload for the past 12 months.
- 2. Stormwater Permits <u>See the attached chart</u> for Beaufort County Stormwater permits issued for the past 12 months.
- 3. Monthly Inspection summary <u>See the attached chart</u> for Beaufort County Stormwater staff inspection, complaint, IDDE, and violations summary for the past 12 months.
- 4. Weather Station Data. <u>See attached report.</u>
- 5. Public Education <u>See attached report</u>.
- 6. Energov permitting software Tyler Technologies, the group building our Energov software experienced a security breach. Due to this, the Energov implementation schedule is anticipated to be affected. Staff continues to test all aspects of the product already built.
- 7. MS4 Statewide General permit No update at this time.
- 8. Statewide General permit for Construction No update at this time.

MEMORANDUM



Date: October 14, 2020

To: Stormwater Management Utility Board

From: Matthew Rausch, Stormwater Infrastructure Superintendent

Re: Maintenance Project Report

This report will cover six minor projects. The Project Summary Reports are attached.

Minor or Routine Projects:

- Sheldon Bush Hog Sheldon (SWUD 5): This project improved 174,284 feet of drainage system. The scope of work bush hogging 173,434 feet of channel and 850feet of roadside ditch. The total cost was **\$86,125.45**.
- St. Helena Island Vacuum Truck St. Helena Island (SWUD 8): This project improved 32 feet of drainage system. The scope of work included cleaning out 37 catch basins, jetting 15 crossline pipes, 63 driveway pipes, 4 access pipe, and 32 feet of channel pipe. The total cost was \$14,018.61.
- Milkweed Lane Lady's Island (SWUD 7): The scope of work included removing fallen tree from workshelf and dewatering pond to safe elevation. The total cost was \$10,020.50.
- **Royal Pines Subdivision St Helena Island (SWUD 8):** This project improved 424 feet of drainage system. The scope of work included cleaning out 2 catch basins, jetting 1 crossline pipe, 4 driveway pipes, 400 feet of channel pipe, 24 feet of roadside pipe and dewatering pond to safe elevation. The total cost was **\$3,969.91.**
- **Port Royal Island Sinkhole Repair Port Royal Island (SWUD 6):** The scope of work included repairing 1 sinkhole. The total cost was **\$1,496.60**.
- **Town of Bluffton Bluffton (SWUD 4):** The scope of work included hydroseeding for erosion control. The total cost was **\$1,373.12**.



Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Sheldon Bush Hog

Narrative Description of Project:

Activity: Routine/Preventive Maintenance Duration: 11/25/19-06/30/20

Second Rotation: 11/25/19-06/30/20 Project improved 174,284 L.F. of drainage system. Bush hogged 173,434 L.F. of channel and 850 L.F. of roadside ditch. This project consisted of the following areas: Gum Treel Lane (8,745 L.F.),Browns Island Road (7,070 L.F.), Stroup Lane (3,670 L.F.), Hunt Ter (7,486 L.F.), Middlefield Circle (6,221 L.F.), Keans Neck Road (6,627 L.F.), Coker Lane (6,227 L.F.), Dan Drive (1,663 L.F.), Albany Drive (968 L.F.), Coakley Drive (1,008 L.F.), Oakhurst Road (2,768 L.F.), Spann Circle (3,602 L.F.), Honeybee Island Road (1,779 L.F.), Wimbee Landing Road (11,581 L.F.), Dale Drop Off Center (537 L.F.), Old Dawson Acres (4,568 L.F.), Jasmine Hall Road (10,230 L.F.), River Oaks Road (3,005 L.F.), Pap Kee Lane (1,446 L.F.), Seigler Road (494 L.F.), Dean Hall Road (366 L.F.), Horace Dawson Lane (4,961 L.F.), Mitchell Road (10,112 L.F.), Robinson Hill Road (1,972 L.F.), Paige Point Bluff (567 L.F.), Sheldon Drop Off Center (570 L.F.), Johnson Road (3,858 L.F.), Archie Sumpter Road (1,816 L.F.), Cuthbert Farm Road (843 L.F.), George Williams Lane (3,164 L.F.), William A Campbell Road (1,658 L.F.), Fire Station Lane (426 L.F.), Huspah Court N (877 L.F.), Nix Road (1,202 L.F.), Prescott Road (2,180 L.F.), African Baptisit Church Road (2,758 L.F.), Horse Tail Road (4,445 L.F.), Booker T Washington Circle (2,227 L.F.), Albertha Fields Circle (2,323 L.F.), Big Estate Road (2,352 L.F.), Swallow Tail Lane (2,366 L.F.), Newberry Circle (1,137 L.F.), Gray Road (4,154 L.F.), Big Estate Circle (1,898 L.F.), Joseph Lane (718 L.F.), Twickenham Plantation Road (10,471 L.F.), Jenkins Road (733 L.F.), Big Estate Drop Off Center (1,042 L.F.) and Lightsey Road (4,448 L.F.)

2020-303A / Sheldon Bush Hog	Labor	Labor	Equipment	Material	Contractor	Indirect	Total
	Hours	Cost	Cost	Cost	Cost	Labor	Cost
AUDIT / Audit Project	3.5	\$76.27	\$0.00	\$0.00	\$0.00	\$0.00	\$76.27
CBH / Channel- bushhogged	1788.0	\$37,703.31	\$21,413.56	\$2,166.96	\$0.00	\$23,837.48	\$85,121.30
HAUL / Hauling	17.0	\$387.28	\$415.68	\$52.82	\$0.00	\$72.10	\$927.88
2020-303A / Sheldon Bush Hog Project Sub Total	1808.5	\$38,166.85	\$21,829.24	\$2,219.78	\$0.00	\$23,909.58	\$86,125.45
Grand Total	1808.5	\$38,166.85	\$21,829.24	\$2,219.78	\$0.00	\$23,909.58	\$86,125.45

Before



During



After



Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: St Helena Island Vacuum Truck -

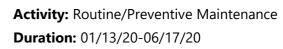
No Man Land Road, Club Bridge Road, Peaches Hill Circle, James D Washington Road, Bridgewood Road, Jenkins Port Road, Sea Pines Drive, Capers Island Circle, Mattis Drive, Tombee Road, Luther Warren Drive, Chisholm Road, Simmons Road, Mary Jenkins Circle, Levant Byas Road, Wards Landing Road, Sea Island Parkway, Joe Capers Road, Viewpoint Circle and David Green Road

Narrative Description of Project:

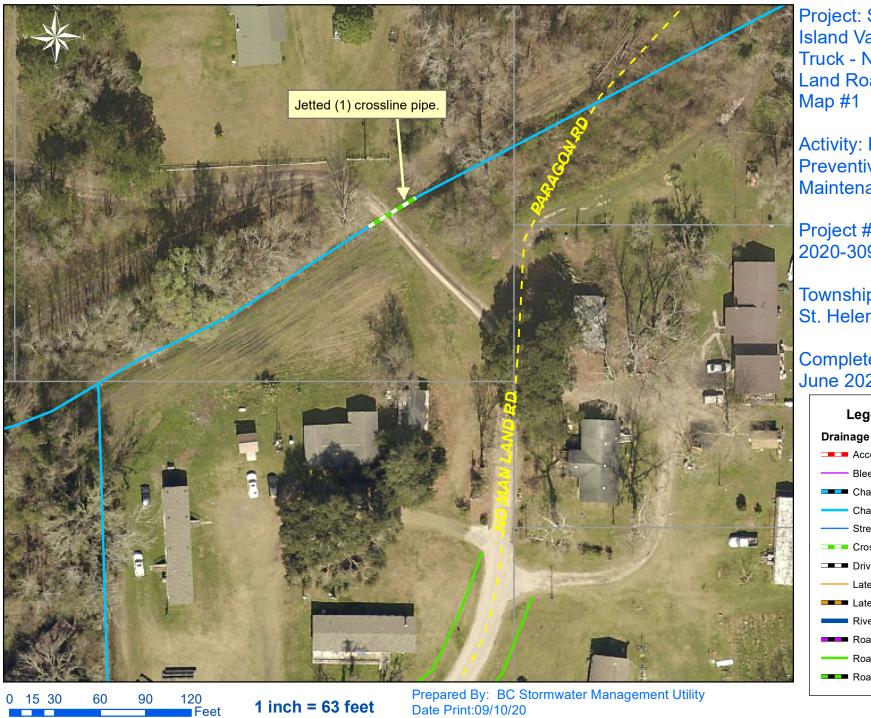
Project improved 32 L.F. of drainage system. Cleaned out (37) catch basins. Jetted (15) crossline pipes, (63) driveway pipes, (4) access pipes and 32 L.F. of channel pipe.

2020-309A / St Helena Vac Truck	Labor	Labor	Equipment	Material	Contractor	Indirect	Total
	Hours	Cost	Cost	Cost	Cost	Labor	Cost
APJT / Access pipe - jetted	10.0	\$222.80	\$191.60	\$32.19	\$0.00	\$143.40	\$589.99
AUDIT / Audit Project	2.5	\$54.48	\$0.00	\$0.00	\$0.00	\$0.00	\$54.48
CBCO / Catch basin - clean out	94.0	\$2,167.64	\$446.86	\$191.23	\$0.00	\$573.87	\$3,379.60
CLPINP / Crossline Pipe - Inspected	4.0	\$89.12	\$76.64	\$12.51	\$0.00	\$57.36	\$235.63
CLPJT / Crossline Pipe - Jetted	88.0	\$1,976.27	\$1,241.48	\$227.39	\$0.00	\$758.46	\$4,203.60
CPJ / Channel Pipe - Jetted	8.0	\$178.24	\$153.28	\$28.90	\$0.00	\$114.72	\$475.14
DPINS / Driveway Pipe - Installed	10.0	\$220.95	\$191.60	\$20.68	\$0.00	\$82.35	\$515.58
DPJT / Driveway Pipe - Jetted	84.0	\$1,896.68	\$1016.64	\$186.05	\$0.00	\$484.44	\$3,583.81
RSPJ / Roadside Pipe - Jetted	10.0	\$230.60	\$43.40	\$23.90	\$0.00	\$61.05	\$358.95
SD / Soft Digging	10.0	\$230.60	\$62.85	\$20.76	\$0.00	\$61.05	\$375.26
SPSWI / Special Project - SWI	4.0	\$89.12	\$76.64	\$23.46	\$0.00	\$57.36	\$246.58
2020-309A / St Helena Vac Truck Sub Total	324.5	\$7,356.50	\$3,500.99	\$767.07	\$0.00	\$2,394.06	\$14,018.61
Grand Total	324.5	\$7,356.50	\$3,500.99	\$767.07	\$0.00	\$2,394.06	\$14,018.61

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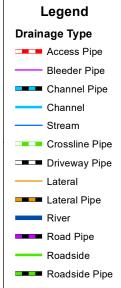
Project: St. Helena **Island Vacuum** Truck - No Man Land Road

Activity: Routine/ Preventive Maintenance

Project #: 2020-309A

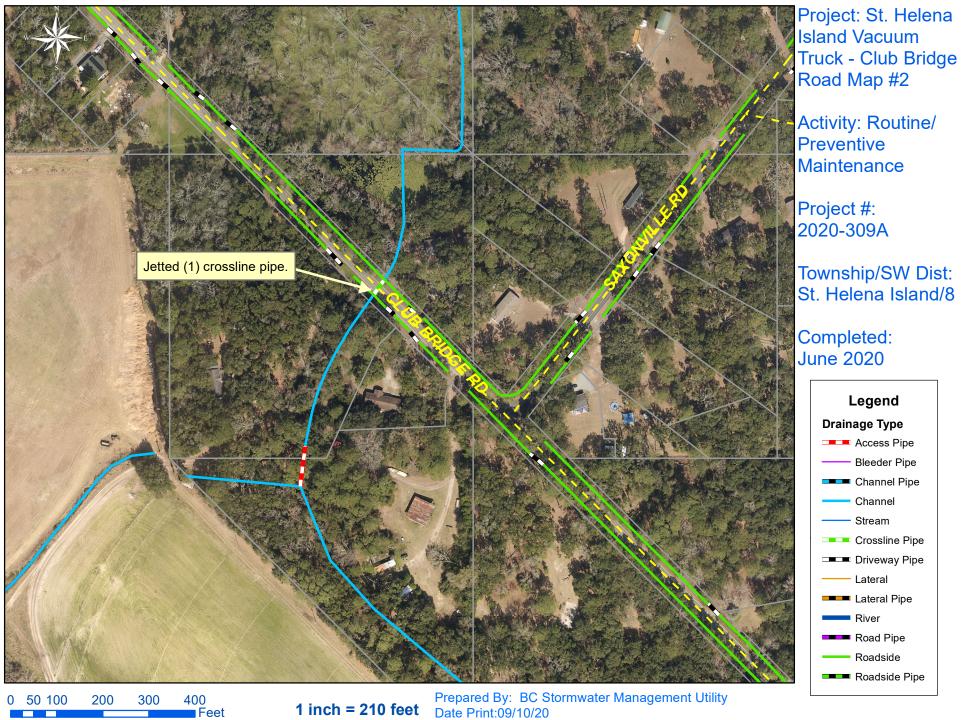
Township/SW Dist: St. Helena Island/8

Completed: June 2020

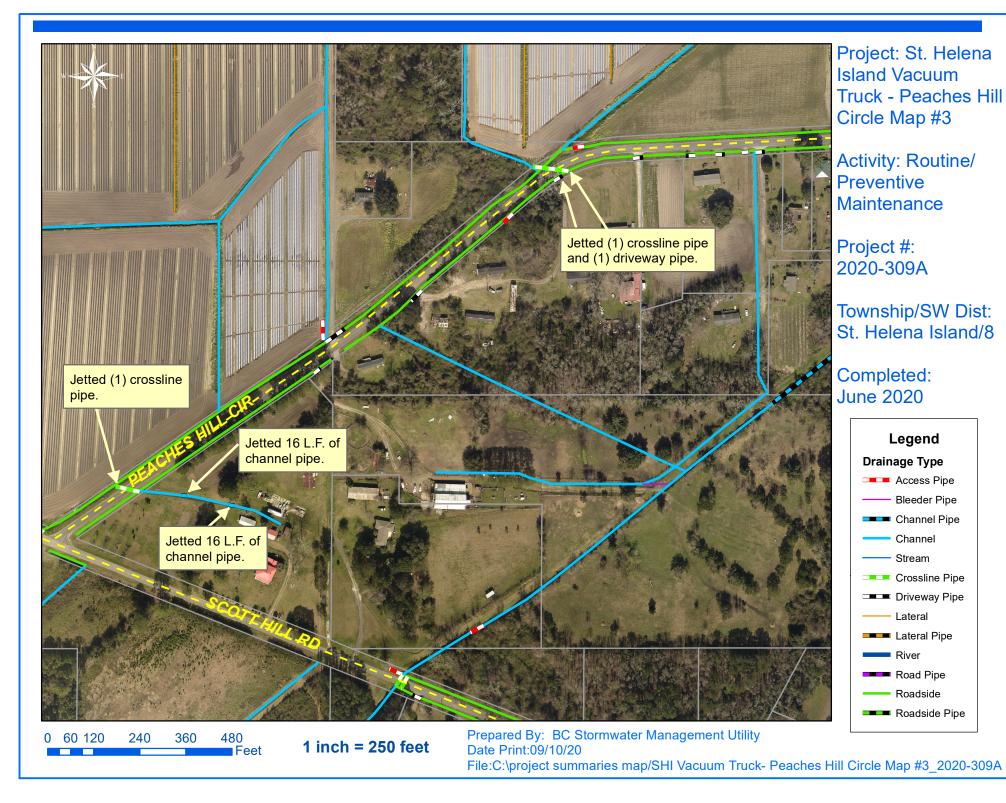


1 inch = 63 feet

Date Print:09/10/20 File:C:\project summaries map/SHI Vacuum Truck- No Man Land Road Map #1_2020-309A



File:C:\project summaries map/SHI Vacuum Truck- Club Bridge Road Map #2_2020-309A





File:C:\project summaries map/SHI Vacuum Truck- James D Washington Road Map #4_2020-309A



1 inch = 100 feet

0

100

Feet

Prepared By: BC Stormwater Management Utility Date Print:09/10/20 File:C:\project summaries map/SHI Vacuum Truck- Bridgewood Road Map #5_2020-309A



1 inch = 250 feet

360

Feet

0

60 120

Prepared By: BC Stormwater Management Utility Date Print:09/10/20 File:C:\project summaries map/SHI Vacuum Truck- Jenkins Port Road Map #6_2020-309A

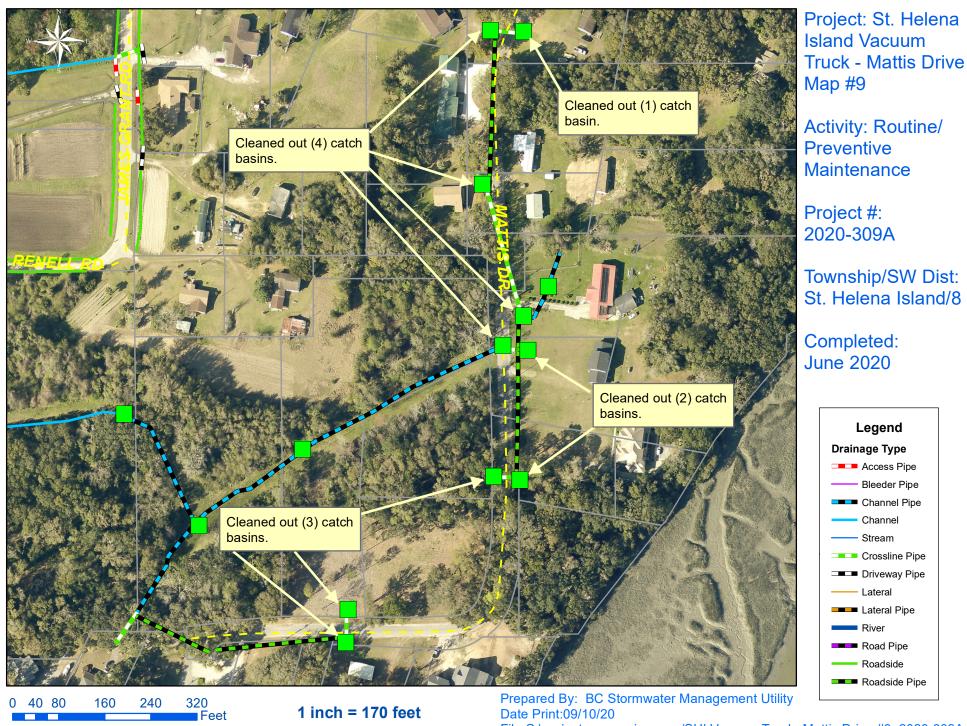




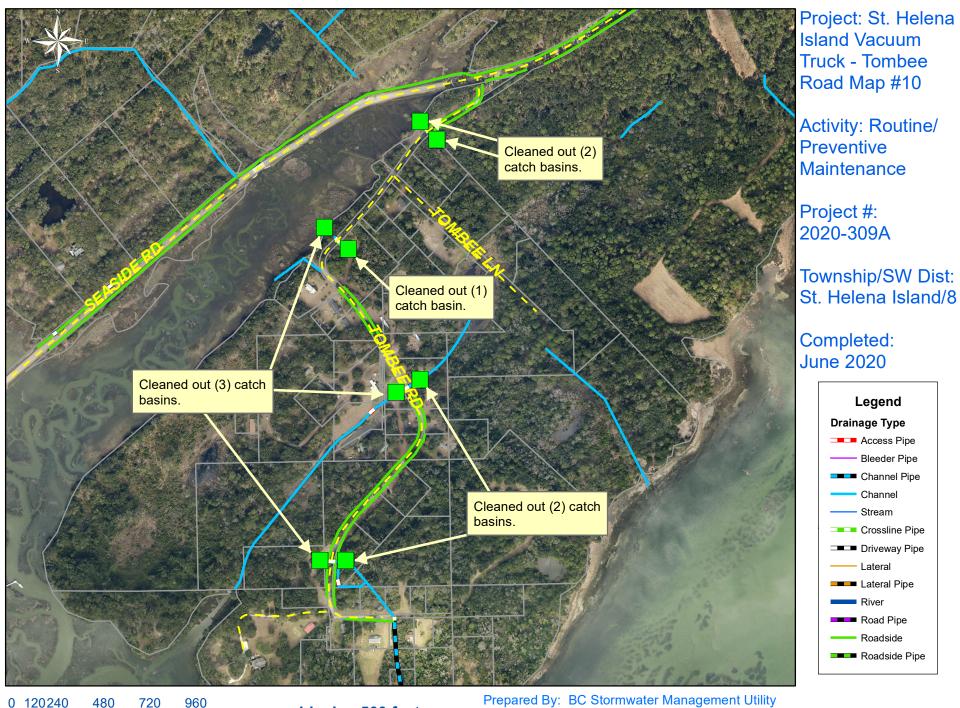
Prepared By: BC Stormwater Management Utility Roadside Pipe Date Print:09/11/20 File:C:\project summaries map/SHI Vacuum Truck- David Green Road & Capers Island Circle Map #8 2020-309A

03060 120180240 Feet

1 inch = 250 feet



File:C:\project summaries map/SHI Vacuum Truck- Mattis Drive #9_2020-309A



1 inch = 500 feet

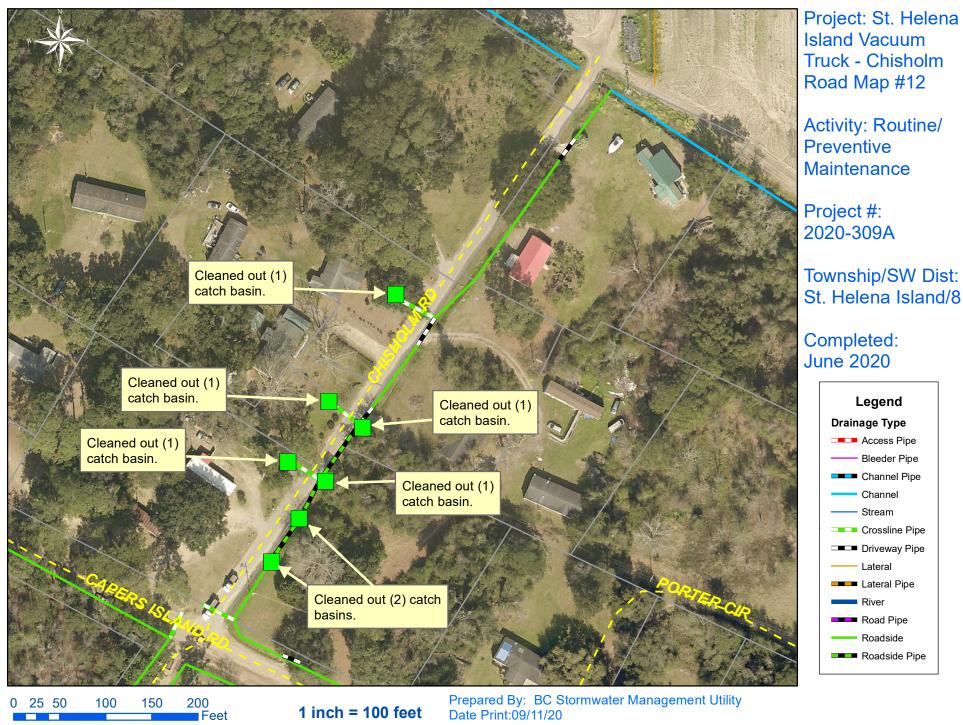
720

Feet

Prepared By: BC Stormwater Management Utility Date Print:09/10/20 File:C:\project summaries map/SHI Vacuum Truck- Tombee Road #10_2020-309A



File:C:\project summaries map/SHI Vacuum Truck- Luther Warren Drive Map #11_2020-309A



File:C:\project summaries map/SHI Vacuum Truck- Chisholm Road Map #12_2020-309A



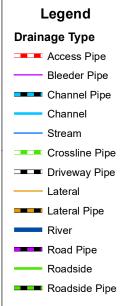
Project: St. Helena Island Vacuum Truck - Mary Jenkins Circle Map #13

Activity: Routine/ Preventive Maintenance

Project #: 2020-309A

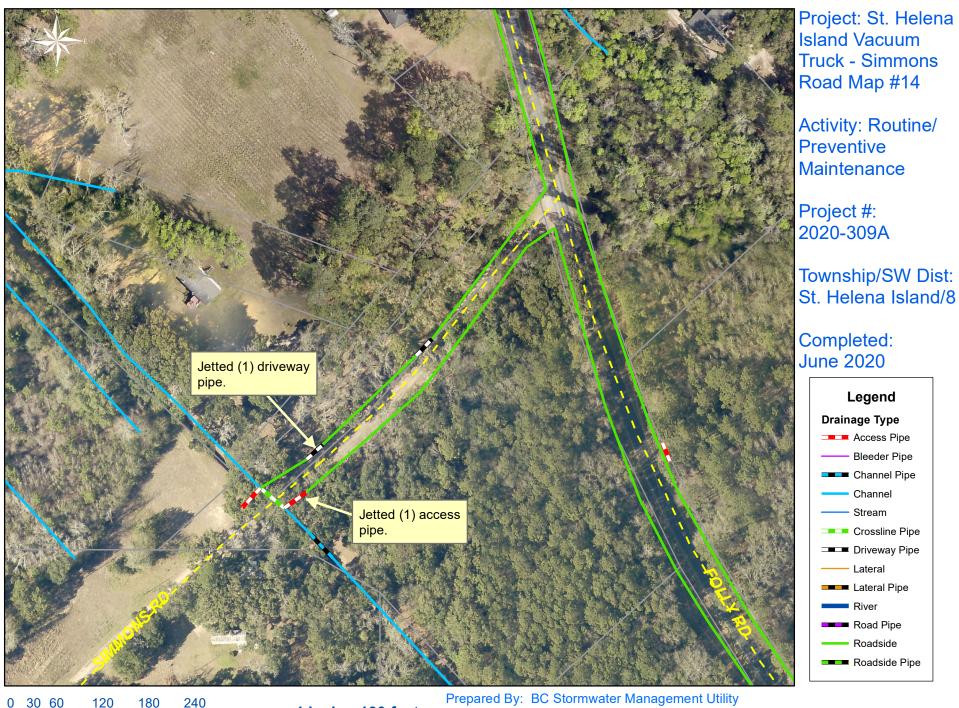
Township/SW Dist: St. Helena Island/8

Completed: June 2020



Feet **1 inch = 250 feet**

Date Print:09/11/20 File:C:\project summaries map/SHI Vacuum Truck- Mary Jenkins Circle Map #13_2020-309A

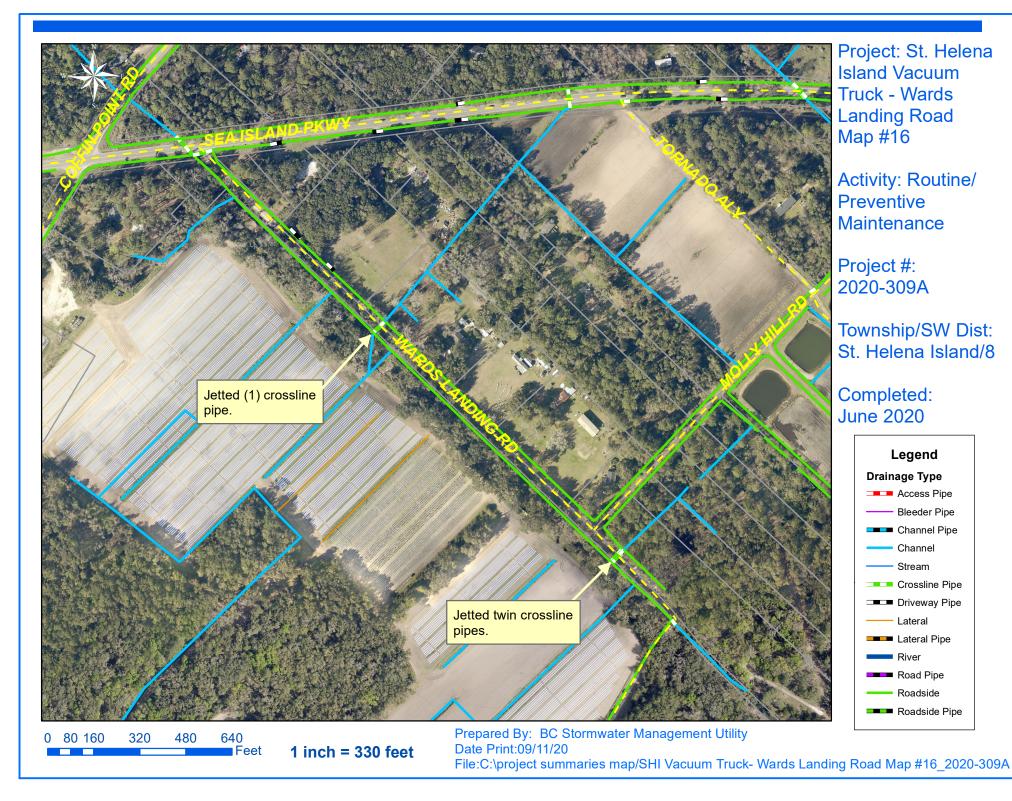


240 **1 inch = 130 feet**

Prepared By: BC Stormwater Management Utility Date Print:09/11/20 File:C:\project summaries map/SHI Vacuum Truck- Simmons Road Map #14_2020-309A



File:C:\project summaries map/SHI Vacuum Truck- Levant Byas Road Map #15_2020-309A





1 inch = 100 feet

Feet

Prepared By: BC Stormwater Management Utility Date Print:09/11/20 File:C:\project summaries map/SHI Vacuum Truck- Sea Island Parkway Map #17_2020-309A



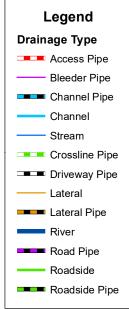
Project: St. Helena Island Vacuum Truck - Sea Island Parkway Map #18

Activity: Routine/ Preventive Maintenance

Project #: 2020-309A

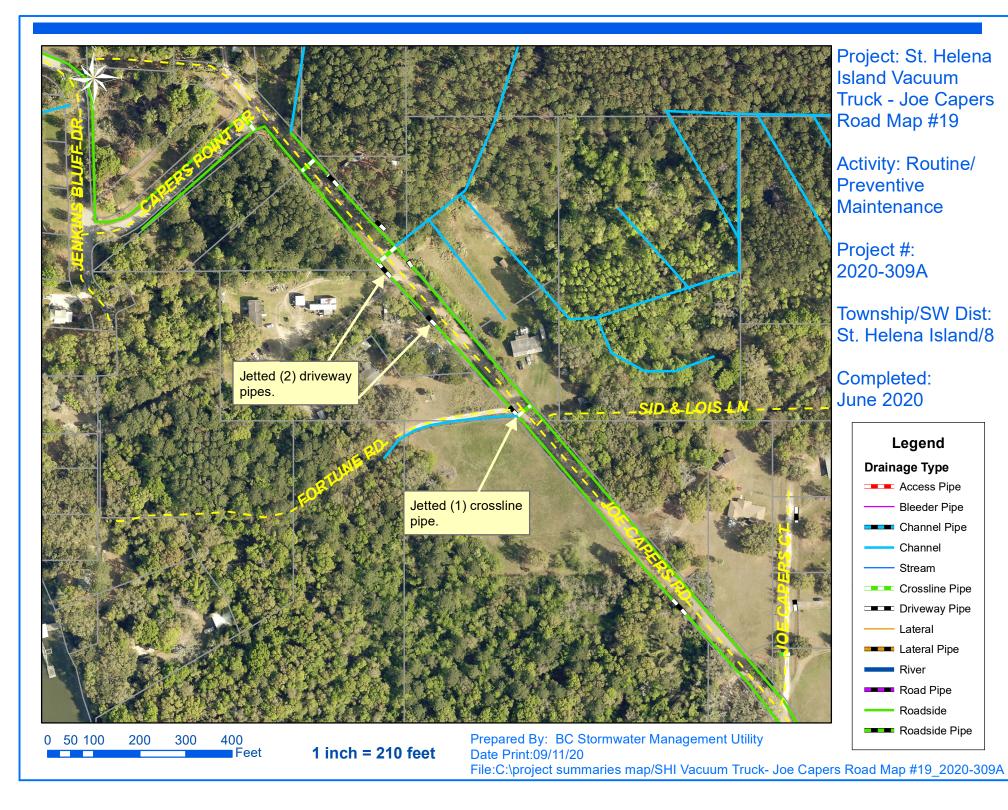
Township/SW Dist: St. Helena Island/8

Completed: June 2020



Feet 1 inch = 330 feet

Prepared By: BC Stormwater Management Utility ________ Date Print:09/11/20 File:C:\project summaries map/SHI Vacuum Truck- Sea Island Parkway Map #18_2020-309A





File:C:\project summaries map/SHI Vacuum Truck- View Point Circle Map #20_2020-309A



Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Milkweed Lane

Activity: Pond Maintenance Duration: 03/23/20-05/06/20

Narrative Description of Project:

Removed fallen tree from workshelf. Dewatered pond to safe elevation.

2020-038 / Milkweed Lane	Labor	Labor	Equipment	Material	Contractor	Indirect	Total
	Hours	Cost	Cost	Cost	Cost	Labor	Cost
AUDIT / Audit Project	1.0	\$21.79	\$0.00	\$0.00	\$0.00	\$0.00	\$21.79
DWP / Dewatered Pond	302.0	\$6,320.53	\$732.11	\$360.90	\$0.00	\$2,191.77	\$9,605.31
RMTRW / Remove trees - Workshelf	10.0	\$222.85	\$19.45	\$7.70	\$0.00	\$143.40	\$393.40
2020-038 / Milkweed Lane Sub Total	313.0	\$6,565.17	\$751.56	\$368.60	\$0.00	\$2,335.17	\$10,020.50
Grand Total	313.0	\$6,565.17	\$751.56	\$368.60	\$0.00	\$2,335.17	\$10,020.50

Before

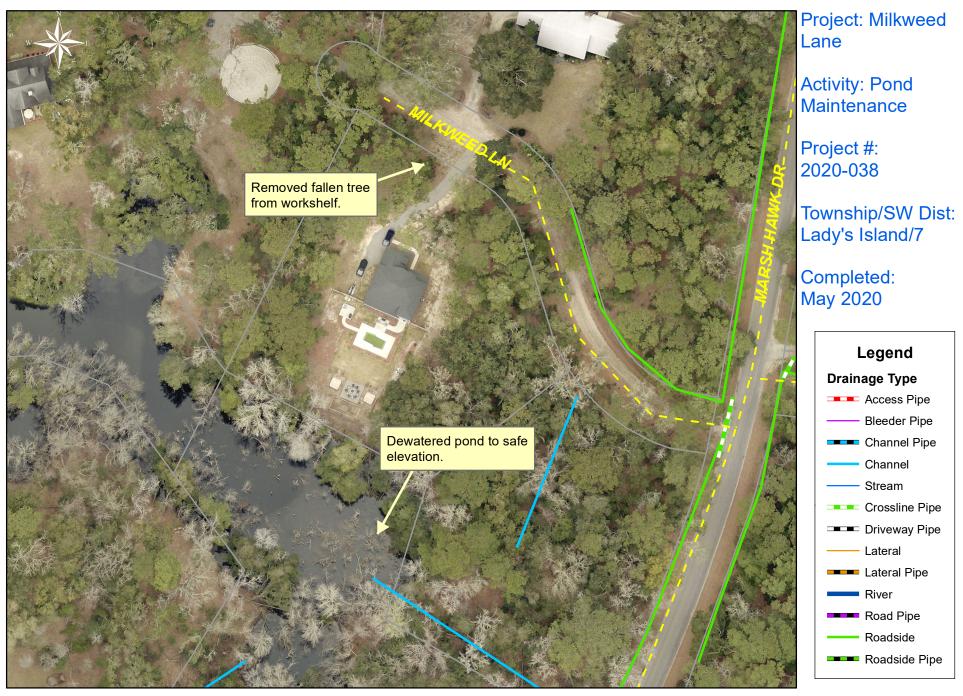




During

Ending

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0 20 40 80 120 160 Feet

1 inch = 83 feet

Prepared By: BC Stormwater Management Utility Date Print:09/16/20 File:C:\project summaries map/Milkweed Lane_2020-038



Beaufort County Public Works Stormwater Infrastructure **Project Summary**

Project Summary: Royal Pines Subdivision - Turtle Lane, Thomas Sumter Street, Needlerush Court

Activity: Routine/Preventive Maintenance Duration: 03/05/20-04/06/20

Narrative Description of Project:

Project improved 424 L.F. of drainage system. Cleaned out (2) catch basins. Jetted (1) crossline pipe, (4) driveway pipes, 400 L.F. of channel pipe and 24 L.F. of roadside pipe. Dewatered pond to safe elevation.

2020-034 / Royal Pines	Labor	Labor	Equipment	Material	Contractor	Indirect	Total
	Hours	Cost	Cost	Cost	Cost	Labor	Cost
AUDIT / Audit Project	1.0	\$21.79	\$0.00	\$0.00	\$0.00	\$0.00	\$21.79
CBCO / Catch basin - clean out	11.0	\$243.05	\$210.76	\$35.65	\$0.00	\$90.59	\$580.04
CPJ / Channel Pipe - Jetted	14.0	\$309.33	\$268.24	\$29.85	\$0.00	\$115.29	\$722.71
DWP / Dewatered Pond	81.0	\$1,740.42	\$145.95	\$39.42	\$0.00	\$719.58	\$2,645.37
2020-034 / Royal Pines Sub Total	107.0	\$2,314.59	\$624.95	\$104.92	\$0.00	\$925.45	\$3,969.91
Grand Total	107.0	\$2,314.59	\$624.95	\$104.92	\$0.00	\$925.45	\$3,969.91

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Project: Royal Pines Subdivision-Needlerush Court Map #1

Activity: Routine/ Preventive Maintenance

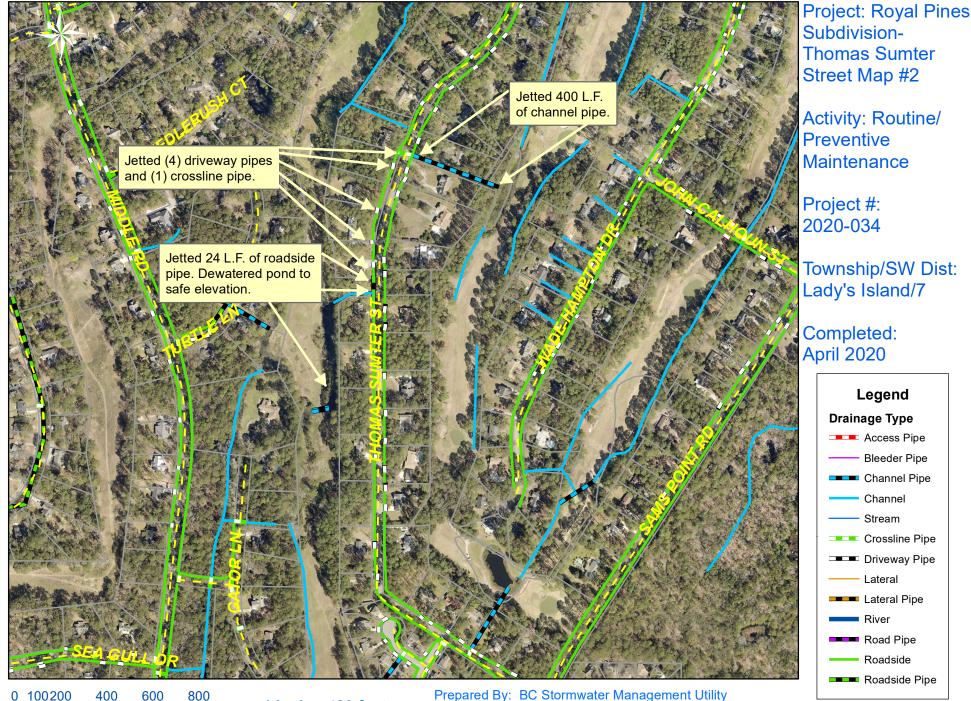
Project #: 2020-034

Township/SW Dist: Lady's Island/7

Completed: April 2020



Date Print:09/16/20 File:C:\project summaries map/Royal Pines Subdivision- Needlerush Court Map #1_2020-034



1 inch = 420 feet

Feet

Prepared By: BC Stormwater Management Utility Date Print:09/16/20 File:C:\project summaries map/Royal Pines Subdivision- Thomas Sumter Map #2_2020-034



Beaufort County Public Works Stormwater Infrastructure

Project Summary

Project Summary: Port Royal Island Sinkhole Repair - Lightsey Road

Activity: Routine/Preventive Maintenance Duration: 05/13/20-06/16/20

Narrative Description of Project:

Repaired (1) sinkhole.

2020-533 / Port Royal Island Sinkhole	Labor	Labor	Equipment	Material	Contractor	Indirect	Total
	Hours	Cost	Cost	Cost	Cost	Labor	Cost
AUDIT / Audit Project	0.5	\$10.90	\$0.00	\$0.00	\$0.00	\$0.00	\$10.90
HAUL / Hauling	11.0	\$233.97	\$155.76	\$31.97	\$0.00	\$86.52	\$508.22
SR / Sinkhole repair	20.0	\$599.00	\$142.21	\$20.58	\$0.00	\$215.70	\$977.49
2020-533 / Port Royal Island Sinkhole Project Sub Total	31.5	\$843.87	\$297.97	\$52.55	\$0.00	\$302.22	\$1,496.60
Grand Total	31.5	\$843.87	\$297.97	\$52.55	\$0.00	\$302.22	\$1,496.60

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File:C:\project summaries map/Port Royal Island Sinkhole Repair- Lightsey Road_2020-533



Beaufort County Public Works Stormwater Infrastructure Project Summary

Project Summary: Town of Bluffton - Calhoun Street

Narrative Description of Project:

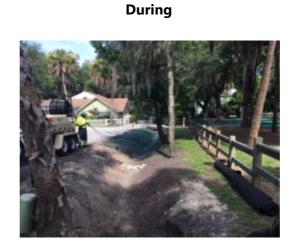
Hydroseeded for erosion control.

Activity: Routine/Preventive Maintenance Duration: 07/15/20

2021-503 / Town of Bluffton - Calhoun Street	Labor	Labor	Equipment	Material	Contractor	Indirect	Total
	Hours	Cost	Cost	Cost	Cost	Labor	Cost
AUDIT / Audit Project	0.5	\$10.90	\$0.00	\$0.00	\$0.00	\$0.00	\$10.90
HYDR / Hydroseeding	10.0	\$210.70	\$39.86	\$978.51	\$0.00	\$133.15	\$1,362.22
2021-503 / Town of Bluffton - Calhoun Street Sub Total	10.5	\$221.60	\$39.86	\$978.51	\$0.00	\$133.15	\$1,373.12
Grand Total	10.5	\$221.60	\$39.86	\$978.51	\$0.00	\$133.15	\$1,373.12

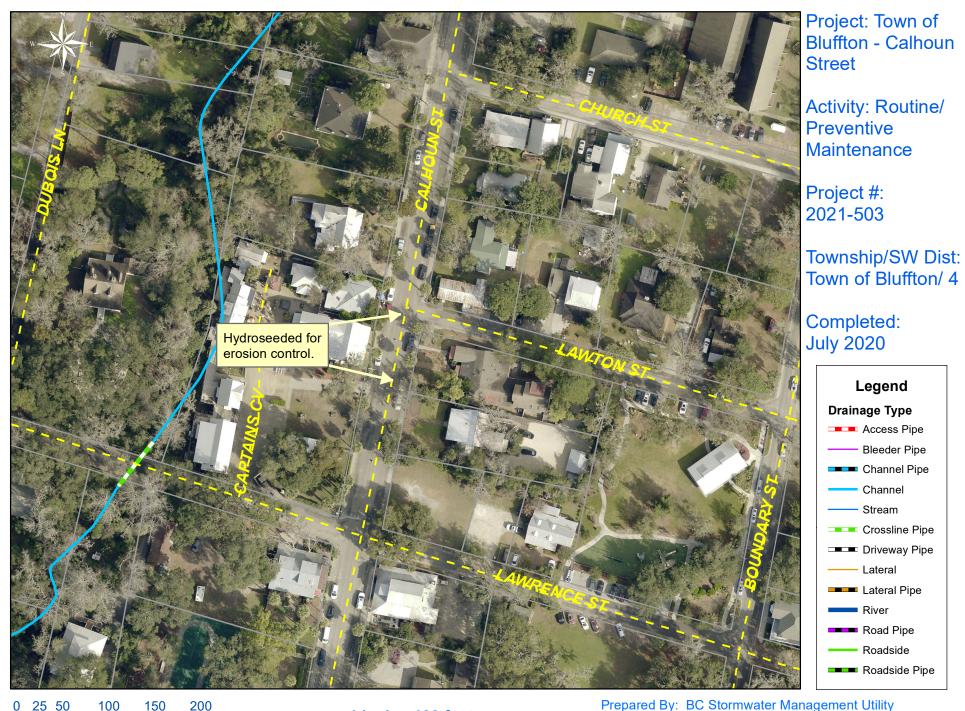
Before

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Ending



1 inch = 100 feet

0

Feet

Prepared By: BC Stormwater Management Utility Date Print:09/09/20 File:C:\project summaries map/TOB Calhoun Street_2021-503

DRAFT 2021 Stormwater Utility Board Schedule

Date	Time	Location
Wednesday, February 10 th , 2021	2:00 PM	Executive Conference Room
		100 Ribaut Rd, Beaufort, SC
Wednesday, March 10 th , 2021	2:00 PM	Executive Conference Room
		100 Ribaut Rd, Beaufort SC
Wednesday, June 9 th , 2021	2:00 PM	Executive Conference Room
		100 Ribaut Rd, Beaufort SC
Wednesday, September 8 th , 2021	2:00 PM	Executive Conference Room
		100 Ribaut Rd, Beaufort SC
Wednesday, November 10 th , 2021	2:00 PM	Executive Conference Room
		100 Ribaut Rd, Beaufort SC



BEAUFORT COUNTY STORMWATER MANAGEMENT UTILITY BOARD AGENDA Wednesday, November 10, 2020 2:00 p.m. WebEx 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 October 14, 2020 (backup)
- 2. INTRODUCTIONS
- 3. PUBLIC COMMENT

4. REPORTS

- A. Utility Update Katie Herrera (backup)
- B. Monitoring Update Katie Herrera (backup)
- C. Stormwater Related Projects Katie Herrera (backup)
- D. Upcoming Professional Contracts Report Katie Herrera (backup)
- E. Regional Coordination Katie Herrera (backup)
- F. Municipal Reports Katie Herrera (backup)
- G. MS4 Update Katie Herrera (backup)
- H. Maintenance Projects Report Matthew Rausch (backup)
- 5. UNFINISHED BUSINESS
- 6. NEW BUSINESS
- 7. PUBLIC COMMENT
- 8. NEXT MEETING AGENDA A. December 9, 2020 (backup)
- 9. ADJOURNMENT



