

COUNTY COUNCIL OF BEAUFORT COUNTY
ADMINISTRATION BUILDING
BEAUFORT COUNTY GOVERNMENT ROBERT SMALLS COMPLEX
100 RIBAUT ROAD
POST OFFICE DRAWER 1228
BEAUFORT, SOUTH CAROLINA 29901-1228

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GERALD W. STEWART
VICE CHAIRMAN

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COUNTY ATTORNEY

SUZANNE M. RAINEY
CLERK TO COUNCIL

AGENDA
COUNTY COUNCIL OF BEAUFORT COUNTY

Monday, September 14, 2015

5:00 p.m.

Council Chambers, Administration Building
Beaufort County Government Robert Smalls Complex
100 Ribaut Road, Beaufort

Citizens may participate in the public comment periods and public hearings from telecast sites at Hilton Head Island Branch Library as well as Mary Field School, Daufuskie Island.

1. CALL OF ORDER - 5:00 P.M.
2. REGULAR MEETING
3. PLEDGE OF ALLEGIANCE
4. INVOCATION – Councilman Steven Fobes
5. ADMINISTRATIVE CONSENT AGENDA
 - A. Approval of Minutes – August 24, 2015 [caucus](#) and August 24, 2015 [regular](#)
 - B. Committee Reports (next meeting)
 1. Community Services (September 28 at 2:00 p.m., Bluffton Branch Library)
 - a. Minutes – August 24, 2015 ([backup](#))
 2. Executive (October 12 at 2:00 p.m., ECR)
 3. Finance (September 21 at 2:00 p.m., BIV #3)
 - a. Minutes – August 17, 2015 ([backup](#))
 4. Governmental (October 5 at 4:00 p.m., ECR)
 5. Natural Resources (October 5 at 2:00 p.m., ECR)
 6. Public Facilities (September 21 at 4:00 p.m., BIV #3)
 - a. Minutes – August 17, 2015 ([backup](#))
 - C. Appointments to Boards and Commissions ([backup](#))
6. PRESENTATION / ST. HELENA ISLAND BRANCH LIBRARY / ONE OF 11 WINNERS IN *LIBRARY JOURNAL'S* 2015 LANDMARK LIBRARIES COMPETITION



7. RECOGNITION OF EFFORTS TO SECURE RURAL DEVELOPMENT ACT FUNDS FOR COUNTY PROJECTS ([backup](#))

- A. Mr. James Baker, Senior Vice President, Marketing and Public Relations
Palmetto Electric Cooperative
- B. Mrs. Jan Baxter, Manager, Community / Economic Development
Palmetto Electric Cooperative

8. PUBLIC COMMENT – Speaker sign-up no later than 4:45 p.m. prior to the beginning of the meeting.

9. CONSENT AGENDA

A. AN ORDINANCE TO AMEND THE STORMWATER MANAGEMENT UTILITY ORDINANCE AS ADOPTED AUGUST 22, 2005 TO PROVIDE FOR AMENDMENT OF THE RATE STRUCTURE, ADJUST UTILITY RATES, AND TO MODIFY CERTAIN TERMS TO ACCURATELY REFLECT ADMINISTRATION STRUCTURE (TO ADOPT RATE STRUCTURE E) ([backup](#))

- 1. Consideration of third and final reading to occur September 14, 2015
- 2. Natural Resources Committee discussion occurred September 8, 2015
- 3. Stormwater Management Utility Board discussion and reaffirmation of the recommendation to approve the ordinance occurred August 26, 2015 / Vote 5:0
- 4. Third and final reading as postponed August 24, 2015
- 5. Public hearing 2 of 2 held August 24, 2015
- 6. Second reading approval occurred August 10, 2015 / Vote 8:2
- 7. Natural Resources Committee discussion occurred August 10, 2015
- 8. First reading approval occurred July 27, 2015 / Vote 8:3
- 9. Public hearing 1 of 2 held July 27, 2015
- 10. Natural Resources Committee discussion and recommendation to approve ordinance on first reading occurred July 20, 2015 / Vote 5:2
- 11. Stormwater Management Utility Board discussion and recommendation to approve ordinance on first reading occurred July 15, 2015 / Vote 5:0

B. AN ORDINANCE TO AUTHORIZE THE COUNTY ADMINISTRATOR TO EXECUTE A QUIT CLAIM DEED FOR THE MARY FIELDS SCHOOL AND ASSOCIATED PROPERTY ON DAUFUSKIE ISLAND TO THE FIRST UNION AFRICAN BAPTIST CHURCH ([backup](#))

- 1. Consideration of second reading to occur September 14, 2015
- 2. Public hearing announcement – Monday, September 28, 2015, beginning at 6:00 p.m. in the large meeting room of the Bluffton Branch Library, 120 Palmetto Way, Bluffton
- 3. First reading approved occurred August 24, 2015 / Vote 11:0
- 4. Public Facilities Committee discussion and recommendation to approve the ordinance on first reading occurred August 17, 2015 / Vote 7:0

C. AN ORDINANCE OF THE COUNTY OF BEAUFORT, SOUTH CAROLINA TO AMEND ARTICLE II, SECTION 14-26, *ET SEQ.* OF THE BEAUFORT COUNTY CODE OF LAWS TO PROHIBIT THE IMPORTATION OF EXOTIC ANIMAL WITHIN BEAUFORT COUNTY ([backup](#))

1. Consideration of second reading to occur September 14, 2015
2. Public hearing announcement – Monday, September 28, 2015, beginning at 6:00 p.m. in the large meeting room of the Bluffton Branch Library, 120 Palmetto Way, Bluffton
3. First reading approved occurred August 24, 2015 / Vote 11:0
4. Community Services Committee discussion and recommendation to approve on first reading occurred August 24, 2015 / Vote 6:0

D. AN ORDINANCE TO AMEND THE BEAUFORT COUNTY CODE OF ORDINANCES, CHAPTER 14, ANIMALS, ARTICLES I AND II, SECTION 14-26 THROUGH SECTION 14.37 ([backup](#))

1. Consideration of first reading approval to occur September 14, 2015
2. Governmental Committee discussion and recommendation to approve on first reading occurred August 31, 2015 / Vote 3:2
3. Governmental Committee discussion occurred August 31, 2015
4. Governmental Committee discussion occurred July 27, 2015
5. Governmental Committee discussion occurred June 22, 2015
6. Governmental Committee discussion occurred June 1, 2015

E. AN ORDINANCE TO AMEND ORDINANCE 2006/24 TO INCLUDE IN SECTION 6, PARAGRAPH B, SUBPARAGRAPH 3C, DISCOUNT TABLE FOR AFFORDABLE HOUSING, OF THE DEVELOPMENT IMPACT FEE PROCEDURES ORDINANCE ([backup](#))

1. Consideration of second reading to occur September 14, 2015
2. Public hearing announcement – Monday, September 28, 2015, beginning at 6:00 p.m. in the large meeting room of the Bluffton Branch Library, 120 Palmetto Way, Bluffton
3. First reading approved occurred August 24, 2015 / Vote 11:0
4. Community Services Committee discussion occurred August 24, 2015 / Vote 6:0

F. PEPPER HALL PLANTATION PROPERTY / REQUEST TO CHANGE THE FUTURE LAND USE DESIGNATION AND TO REZONE PORTIONS OF AN ASSEMBLAGE OF 7 PARCELS EQUALING APPROXIMATELY 113 ACRES LOCATED ON THE NORTH SIDE OF U.S. HIGHWAY 278 BETWEEN THE OKATIE RIVER AND GRAVES ROAD FROM RURAL WITH TRANSITIONAL OVERLAY (APPROXIMATELY 33 ACRES FRONTING U.S. HIGHWAY 278) AND RURAL (80 ACRES OF THE REMAINDER OF THE PROPERTIES) TO COMMERCIAL REGIONAL (APPROXIMATELY 65 ACRES FRONTING U.S. HIGHWAY 278) AND SUBURBAN (APPROXIMATELY 48 ACRES AT THE REAR OF THE PROPERTIES)

1. Consideration of denial to occur September 14, 2015
2. Natural Resources Committee discussion and recommendation to deny the rezoning occurred August 10, 2015 / Vote 6:1:1

G. CONTRACT AWARD / BOUNDARY STREET REDEVELOPMENT CONSTRUCTION IMPROVEMENTS ([backup](#))

1. Contract award: Preferred Materials, Inc., Savannah, Georgia
2. Contract amount: \$18,765,274.84
3. Funding sources: Federal Highway TIGER Grant \$12,635,000, Beaufort County Sales Tax Funds \$11,346,115, Beaufort County Northern Road Impact Fees \$1,369,243, and City of Beaufort TIF II Funds \$8,223,000
4. Public Facilities Committee discussion and recommendation to award contract occurred August 31, 2015 / Vote 6:0

H. CONTRACT AWARD / BOUNDARY STREET REDEVELOPMENT CONSTRUCTION MANAGEMENT AND CONSTRUCTION ENGINEERING INSPECTION SERVICES ([backup](#))

1. Contract award: Infrastructure Consulting & Engineering, Beaufort, South Carolina
2. Contract amount: \$1,968,800
3. Funding sources: Federal Highway TIGER Grant \$12,635,000, Beaufort County Sales Tax Funds \$11,346,115, Beaufort County Northern Road Impact Fees \$1,369,243, and City of Beaufort TIF II Funds \$8,223,000
4. Public Facilities Committee discussion and recommendation to award contract occurred August 31, 2015 / Vote 6:0

I. CONTRACT AWARD / RUNWAY 3 APPROACH TREE OBSTRUCTION REMOVAL ([backup](#))

1. Contract awards: State Tree Service, LLC, Sumter, South Carolina
Talbert, Bright and Ellington, Charlotte, North Carolina
(Construction Administration, Resident Project Representative)
2. Contract amount: \$586,784 (\$377,700 and \$209,084)
3. Funding sources: 90% via FAA Grant 38 (pending), 5% SCAC Grant (pending), 5% via Hilton Head Island Airport Capital Projects Fund
4. Governmental Committee discussion and recommendation to award contract occurred August 31, 2015 / Vote 5:0

J. CONTRACT AWARD / TAXIWAY 'A' RELOCATION AND GA RAMP REPLACEMENT ([backup](#))

1. Contract awards: Quality Enterprises USA, Inc., Chesapeake, Virginia
Talbert, Bright and Ellington, Charlotte, North Carolina
(Construction Administration, Resident Project Representative)
2. Contract amount: \$9,011,322 (\$7,961,690 and \$1,049,632)
3. Funding source: 90% via FAA Grant 38 (pending), 5% SCAC Grant (pending), 5% via Hilton Head Island Airport Capital Projects Fund
4. Governmental Committee discussion and recommendation to award contract occurred August 31, 2015 / Vote 5:0

K. CONTRACT AWARD / EMERGENCY MEDICAL SERVICES PURCHASE
REMOUNTING SERVICES FOR TWO AMBULANCES ([backup](#))

1. Contract award: AEV Northwestern Emergency Vehicles, Jefferson, North Carolina
2. Contract amount: \$234,468
3. Funding source: Account 40090011-54003, 2014 Bonds, EMS Vehicle Purchases (\$132,043) and Account 1001230-54000, EMS Vehicle Purchases (\$102,425)
4. Governmental Committee discussion and recommendation to award contract occurred August 31, 2015 / Vote 5:0

L. ACCEPTANCE OF AWARD / CLEAN WATER ACT SECTION 319 GRANT IN THE
AMOUNT OF \$792,000 (60% OF THE PROJECT COST) FOR THE OKATIE WEST
REGIONAL DETENTION BASIN PROJECT TO BE LOCATED ON THE NEW LEAF
LLC TRACT BEING PURCHASED WITH RURAL AND CRITICAL LAND AND
STORMWATER FUNDS ([backup](#))

1. Natural Resources Committee discussion and recommendation of accepting the grant award occurred September 8, 2015 / Vote 7:0
2. Stormwater Utility Board discussion and recommendation of accepting the grant award occurred August 26, 2015 / Vote 5:0

10. MATTERS ARISING OUT OF EXECUTIVE SESSION

11. PUBLIC COMMENT - Speaker sign-up no later than 4:45 p.m. prior to the **beginning** of the meeting.

12. ADJOURNMENT

Official Proceedings
County Council of Beaufort County
August 24, 2015

The electronic and print media duly notified in
accordance with the State Freedom of Information Act.

CAUCUS

A caucus of the County Council of Beaufort County was held Monday, August 24, 2015 beginning at 4:00 p.m. in the large meeting room of the Hilton Head Island Branch Library, 11 Beach City Road, Hilton Head Island, South Carolina

ATTENDANCE

Chairman D. Paul Sommerville, Vice Chairman Gerald Stewart and Rick Caporale, Councilmen Cynthia Bensch, Gerald Dawson, Brian Flewelling, Steven Fobes, Alice Howard, William McBride, Stewart Rodman and Roberts "Tabor" Vaux.

DISCUSSION ITEMS

Mr. Flewelling asked the Chairman to remove item 9P, an ordinance to amend ordinance 2006/24 to include in Section 6, Paragraph B, Subparagraph 3c, Discount Table for Affordable Housing, of the Development Impact Fee Procedures Ordinance, from the consent agenda.

Mr. Rodman stated agenda item 9A pertains to the appointment of the members to serve on the Capital Project Sales Tax Commission. Some of the Mayors have put forward consideration of the Local Option Sales Tax (LOST). If both were on the ballot, they both might fail. It would behoove Council to, at least, grapple with that issue and decide where we are, as a Council, before we have the Commission do all of their work with the potential their work might be for not, if, in fact, we are going to consider the LOST.

Mr. Stewart requested the County Administrator comment on the former Federal Courthouse GSA Lease as it relates to the U.S. Probation Office not vacating the building and the associated impact on the County's new tenant, St. Elena Foundation, occupying the building.

Mr. Stewart suggested, and Council agreed, to move both the County Administrator and Deputy County Administrator's two-week progress reports from the regular meeting to caucus.

Mr. Rodman commented this may be a good time to revisit the affordability housing initiatives, effectiveness, and consider using the terminology workforce housing.

CALL OF EXECUTIVE SESSION

It was moved by Mr. Flewelling, seconded by Mr. Dawson, that Council go immediately into executive session for the purpose of (i) discussion of negotiations incident to proposed contractual arrangements and proposed purchase of property / Arthur Horne Relocation and Old Federal Courthouse GSA Lease (U.S. Probation Office), and (ii) receipt of legal advice relating to pending and potential claims covered by the attorney-client privilege / Barrel Landing Property and Hilton Head Island Airport avigation easement (proposed Memorandum of Understanding) The vote: YEAS - Mrs. Bensch, Mr. Caporale, Mr. Dawson, Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. McBride, Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. The motion passed.

ADJOURNMENT

Council adjourned at 5:00 p.m.

COUNTY COUNCIL OF BEAUFORT COUNTY

By: _____
D. Paul Sommerville, Chairman

ATTEST: _____
Suzanne M. Rainey, Clerk to Council

Ratified:

Official Proceedings
County Council of Beaufort County
August 24, 2015

The electronic and print media duly notified in
accordance with the State Freedom of Information Act.

The regular meeting of the County Council of Beaufort County was held Monday, August 24, 2015 beginning at 5:00 p.m. in the large meeting room of the Hilton Head Island Branch Library, 11 Beach City Road, Hilton Head Island, South Carolina.

ATTENDANCE

Chairman D. Paul Sommerville, Vice Chairman Gerald Stewart and Councilmen Cynthia Bensch, Rick Caporale, Gerald Dawson, Brian Flewelling, Steven Fobes, Alice Howard, William McBride, Stewart Rodman and Roberts "Tabor" Vaux.

PLEDGE OF ALLEGIANCE

The Chairman led those present in the Pledge of Allegiance.

INVOCATION

Councilman Brian Flewelling gave the Invocation.

PROCLAMATION

Aviation Week

The Chairman proclaimed August 23 through August 29, 2015 as Aviation Week in Beaufort County. Mr. Jon Rembold, Airports Director, accepted the proclamation.

The Chairman passed the gavel to the Vice Chairman in order to receive the Administrative Consent Agenda.

ADMINISTRATIVE CONSENT AGENDA

Review of Proceedings of the Regular Meeting held August 10, 2015

This item comes before Council under the Administrative Consent Agenda.

It was moved by Mr. Caporale, seconded by Mr. Fobes, that Council approve the minutes of the regular meeting held August 10, 2015. The vote: YEAS - Mrs. Bensch, Mr. Caporale, Mr. Dawson, Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. McBride, Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. The motion passed.

County Administrator's Two-Week Progress Report

This item comes before Council under the Administrative Consent Agenda.

Mr. Gary Kubic, County Administrator, presented his Two-Week Progress Report, which summarized his activities from August 10, 2015 through August 21, 2015.

Deputy County Administrator/Special Counsel's Two-Week Progress Report

This item comes before Council under the Administrative Consent Agenda.

Mr. Joshua Gruber, Deputy County Administrator/Special Counsel, presented his Two-Week Progress Report, which summarized his activities from August 10, 2015 through August 21, 2015.

Committee Reports

Finance Committee

Airports Board

Mr. Rodman, as Chairman of the Finance Committee, nominated Mr. Gerald Costa, representing active pilot/recently retired commercial pilot, and Mrs. Blakely Williams, representing the Beaufort Regional Chamber of Commerce, to serve as members of the Airports Board.

The Vice Chairman passed the gavel back to the Chairman in order to continue the meeting.

PUBLIC COMMENT

The Chairman recognized Mr. Chuck Hunter, a resident of Daufuskie Island, Island, who thanked Councilmen Fobes, Bensch and Caporale for visiting Daufuskie Island as well as Public Facilities Chairman Dawson for allowing the residents to speak at the August 17 meeting of the Public Facilities Committee about the park. The Daufuskie Island Council is available to help move forward the construction of the park.

Ms. Joann Dimond, a resident of Hilton Head Island, stated Beaufort County extorted 20 acres of her land on Coosaw Island.

Ms. Jocelyn Staiger, Governmental Affairs Director, Hilton Head Area Association of Realtors, announced the second annual Economic Summit on Thursday, November 5, 2015, from 10:00 a.m. to 12:30 p.m. at Hampton Hall. This year's keynote speaker is Mr. Robert M. Hitt, III, Secretary of Commerce.

NEW BUSINESS / A RESOLUTION TO AMEND THE RESOLUTION ADOPTING THE BEAUFORT COUNTY STORMWATER UTILITY RATE STUDY DATED AUGUST 18, 2015 TO DECREASE THE COUNTYWIDE INFRASTRUCTURE FEE FOR RATE PAYERS IN THE MUNICIPAL JURISDICTIONS

Mr. Eric Larson, Stormwater Utility Manager, stated the percentages of the breakdown of the infrastructure by jurisdiction changed slightly, *i.e.*, a slight increase in the County infrastructure numbers and a slight decrease in the four municipal infrastructure numbers, which resulted in the CWI (countywide infrastructure) per buildable unit change. However, because the changes were so small and our model is rounded to the dollar, we were able to absorb those changes without changing the rate in the unincorporated area.

It was moved by Mr. Stewart, seconded by Mr. Rodman, that Council adopt a resolution to amend the resolution adopting the Beaufort County Stormwater Utility Rate Study dated August 18, 2015 to decrease the countywide infrastructure fee for rate payers in the municipal jurisdictions.

Mr. Flewelling opined the amendment is a substantive change and the matter should be referred back to the Natural Resources Committee.

Mr. Tom Keaveny, County Attorney, clarified that the amendment does not constitute a substantial change.

The Chairman ruled on whether or not this resolution, which does have an impact on the ordinance that Council is going to consider later in the meeting, is substantive enough to send the issue back to some other level. Resolutions require one vote while ordinances require a public hearing and three votes. Mr. Sommerville ruled that this resolution could go forward because the real debate is going to take place at 6:00 p.m. when Council holds a public hearing and considers the ordinance on third and final reading.

The vote: YEAS – Mrs. Bensch, Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. NAYS – Mr. Caporale, Mr. Dawson and Mr. McBride. The motion passed.

AN ORDINANCE TO AMEND ORDINANCE 2006/24 TO INCLUDE IN SECTION 6, PARAGRAPH B, SUBPARAGRAPH 3C, DISCOUNT TABLE FOR AFFORDABLE HOUSING, OF THE DEVELOPMENT IMPACT FEE PROCEDURES ORDINANCE

It was moved by Mr. McBride, as Chairman of the Community Services Committee (no second required), that Council approve on first reading an ordinance to amend Ordinance 2006/24 to include in Section 6, Paragraph B, Subparagraph C, Discount Table for Affordable Housing, of the Development Impact Fee Procedures Ordinance. The vote: YEAS – Mr. Caporale, Mr. Dawson Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. McBride Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. NAYS – Mrs. Bensch. The motion passed.

CONSENT AGENDA

A RESOLUTION MEMORIALIZING THE APPOINTING OF MEMBERS TO THE COMMISSION CREATED PURSUANT TO THE CAPITAL PROJECT SALES TAX ACT, S.C. CODE ANN. §4-10-300, *ET SEQ.* (SUPP. 2003); TO PROVIDE FOR THE DUTIES AND RESPONSIBILITIES OF THE COMMISSION MEMBERS AND TO PROVIDE FOR OTHER MATTERS RELATING THERETO (BEAUFORT COUNTY COUNCIL - ALAN HERD, BEAUFORT COUNTY COUNCIL - CAROLYN SMITH, CITY OF BEAUFORT - MIKE SUTTON, TOWN OF BLUFFTON - MIKE TRIPKA, TOWN OF HILTON HEAD ISLAND - ANDREA SIEBOLD, AND TOWN OF PORT ROYAL - DEAN MOSS)

This item comes before Council under the Consent Agenda. Discussion occurred at the July 29, 2015 meeting of the Executive Committee.

It was moved by Mr. Stewart, seconded by Mr. Rodman, that Council adopt a resolution memorializing the appointing of members to the Commission created pursuant to the Capital Project Sales Tax Act, S.C. Code Ann. §4-10-300, *et seq.* (Sup. 2003); to provide for the duties and responsibilities of the Commission members and to provide for other matters relating thereto (Beaufort County Council - Alan Herd, Beaufort County Council - Carolyn Smith, City of Beaufort - Mike Sutton, Town of Bluffton - Mike Tripka, Town of Hilton Head Island - Andrea Siebold, and Town of Port Royal - Dean Moss). The vote: YEAS – Mr. Caporale, Mrs. Bensch, Mr. Dawson, Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. McBride, Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. The motion passed.

CONTRACT AWARD / CHANGE ORDER / DESIGN BUILD CONSTRUCTION DIRT ROAD PAVING CONTRACT 49 FOR KEANS NECK ROAD TO COMMUNITY CENTER ROAD PORTION OF WIMBEE LANDING ROAD, DALE

This item comes before Council under the Consent Agenda. Discussion occurred at the August 17, 2015 meeting of the Public Facilities Committee.

It was moved by Mr. Stewart, seconded by Mr. Rodman, that Council award a contract/change order to J. H. Hiers Construction, LLC, Walterboro, South Carolina with Andrews & Burgess, Inc., Beaufort, South Carolina in the amount of \$733,675 for Design Build Construction Dirt Road Paving Contract 49 for Keans Neck Road to the Community Center Road portion of Wimbee Land Road, Dale. The source of funding is County C funds. The vote: YEAS – Mr. Caporale, Mrs. Bensch, Mr. Dawson, Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. McBride, Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. The motion passed.

CONTRACT AWARD / BLUFFTON PARKWAY RESURFACING FROM BUCK ISLAND ROAD TO SIMMONSVILLE ROAD AND INTERSECTION IMPROVEMENTS FOR BLUFFTON PARKWAY AND MALPHRUS ROAD

This item comes before Council under the Consent Agenda. Discussion occurred at the August 17, 2015 meeting of the Public Facilities Committee.

It was moved by Mr. Stewart, seconded by Mr. Rodman, that Council award a contract to The Lane Construction Corporation, Beaufort, South Carolina in the amount of \$433,483.25 (12% contingency \$52,017 for a total budget of \$485,500.25) for the resurfacing of Bluffton Parkway from Buck Island Road to Simmonsville Road and intersection improvements from Bluffton Parkway and Malphrus Road. The source of funding is County TAG Fund Account 2342001T-54901, Resurfacing and Improvements. The vote: YEAS – Mr. Caporale, Mrs. Bensch, Mr. Dawson, Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. McBride, Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. The motion passed.

CONTRACT AWARD / CONSTRUCTION MANAGEMENT AND CONSTRUCTION ENGINEERING INSPECTION SERVICES FOR VARIOUS COUNTY IMPROVEMENT PROJECTS

This item comes before Council under the Consent Agenda. Discussion occurred at the August 17, 2015 meeting of the Public Facilities Committee.

It was moved by Mr. Stewart, seconded by Mr. Rodman, that Council award a contract to F&ME Consultants, Columbia, South Carolina in the amount of \$225,582 for Construction Management and Construction Engineering Inspection Services for various County improvement projects. The projects and their associated source of funding follow: (i) Buckwalter Regional Park Community Center Phase 2 Expansion, Bluffton Parkway Parks and Leisure Services Impact Fees, Account 26520011-54453; (ii) Animal Shelter and Control Facility, 2015 Animal Shelter CIP, Account 40090011-54600; (iii) Perryclear Bridge Design-Building Replacement, TAG Fund Professional Services, Account 2342001T-51160; and (iv) County Dirt Road Paving Contract 49, TAG Fund Professional Services, Account 2342001T-51160. The vote: YEAS – Mr. Caporale, Mrs. Bensch, Mr. Dawson, Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. McBride, Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. The motion passed.

CONTRACT AWARD / ENGINEERING DESIGN SERVICES FOR REPLACEMENT OF ROOFING SYSTEMS ON EIGHT SEPARATE BEAUFORT COUNTY FACILITIES

This item comes before Council under the Consent Agenda. Discussion occurred at the August 17, 2015 meeting of the Public Facilities Committee.

It was moved by Mr. Stewart, seconded by Mr. Rodman, that Council award a contract to WTI, Beachwood, Ohio (with offices in Charleston, Columbia and Greenville, South Carolina) in the amount of \$1,859,000 for engineering design services for the replacement of roofing systems in eight separate Beaufort County facilities. The source of funding is Account 40090011-54420, 2014 General Obligation Bonds. The vote: YEAS – Mr. Caporale, Mrs. Bensch, Mr. Dawson, Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. McBride, Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. The motion passed.

SCDOT ADMINISTRATIVE SERVICES FIRST THROUGH THIRD QUARTERS FY 2015 / S.C. HIGHWAY 170 WIDENING, BLUFFTON PARKWAY PHASE 5A SEGMENT 2 ROADWAY, FLYOVER BRIDGE, AND BOUNDARY STREET REDEVELOPMENT

This item comes before Council under the Consent Agenda. Discussion occurred at the August 17, 2015 meeting of the Public Facilities Committee.

It was moved by Mr. Stewart, seconded by Mr. Rodman, that Council authorize the payment of the SCDOT first through third quarter FY 2015 invoice total of \$163,519.14 for oversight services on County Sales Tax Projects (S.C. Highway 170 Widening, Bluffton Parkway Phase 5A Segment 2 Roadway, Flyover Bridge, and Boundary Street Redevelopment. The source of funding follow: (i) Bluffton Parkway Phase 5, \$92,224.84, Account 47010012-54500, (ii) S.C. Highway 170, \$70,856.37, Account 47010014-54500, and (iii) Boundary Street /TIGER Grant Project, \$437.93, Account 47030011-54503. The vote: YEAS – Mr. Caporale, Mrs. Bensch, Mr. Dawson, Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. McBride, Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. The motion passed.

AUTHORIZATION FOR CONDEMNATION OF COUNTY DIRT ROAD PAVING REQUIREMENTS FOR DIRT ROADS WITHOUT RIGHT-OF-WAY / REQUEST FOR SHINEY ROAD, ST. HELENA ISLAND

This item comes before Council under the Consent Agenda. Discussion occurred at the August 17, 2015 meeting of the Public Facilities Committee.

It was moved by Mr. Stewart, seconded by Mr. Rodman, that Council authorize the condemnation of County dirt road paving requirements for dirt roads without right-of-way / request for Shiney Road, St. Helena Island. The vote: YEAS – Mr. Caporale, Mrs. Bensch, Mr. Dawson, Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. McBride, Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. The motion passed.

REQUEST FOR ROAD ABANDONMENT / REMOVAL FROM COUNTY ROAD MAINTENANCE / MELROSE LANDING / DAUFUSKIE ISLAND

This item comes before Council under the Consent Agenda. Discussion occurred at the August 17, 2015 meeting of the Public Facilities Committee.

It was moved by Mr. Stewart, seconded by Mr. Rodman, that Council approve the abandonment of Melrose Landing, Daufuskie Island from County road maintenance. The vote: YEAS – Mr. Caporale, Mrs. Bensch, Mr. Dawson, Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. McBride, Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. The motion passed.

REQUEST FOR ROAD ABANDONMENT / REMOVAL FROM COUNTY ROAD MAINTENANCE / YARD FARM ROAD / ST. HELENA ISLAND

This item comes before Council under the Consent Agenda. Discussion occurred at the August 17, 2015 meeting of the Public Facilities Committee.

It was moved by Mr. Stewart, seconded by Mr. Rodman, that Council approve the abandonment of Yard Farm Road, St. Helena Island from County road maintenance pending receipt of maintenance documents from the property owners. The vote: YEAS – Mr. Caporale, Mrs. Bensch, Mr. Dawson, Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. McBride, Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. The motion passed.

AMENDMENT TO MEMORANDUM OF UNDERSTANDING BETWEEN BEAUFORT COUNTY AND TOWN OF BLUFFTON RE: OYSTER FACTORY PARK

This item comes before Council under the Consent Agenda. Discussion occurred at the August 17, 2015 meeting of the Public Facilities Committee.

It was moved by Mr. Stewart, seconded by Mr. Rodman, that Council approve an amendment to the Oyster Park Factory Park Memorandum of Understanding between Beaufort County and Town of Bluffton. The vote: YEAS – Mr. Caporale, Mrs. Bensch, Mr. Dawson, Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. McBride, Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. The motion passed.

MEMORANDUM OF UNDERSTANDING BETWEEN BEAUFORT COUNTY AND TOWN OF BLUFFTON RE: CALHOUN STREET DOCK

This item comes before Council under the Consent Agenda. Discussion occurred at the August 17, 2015 meeting of the Public Facilities Committee.

It was moved by Mr. Stewart, seconded by Mr. Rodman, that Council approve an amendment to the Calhoun Street Dock Memorandum of Understanding between Beaufort County and Town of Bluffton. The vote: YEAS – Mr. Caporale, Mrs. Bensch, Mr. Dawson, Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. McBride, Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. The motion passed.

RIGHT-OF-WAY EXCHANGE FOR BEACH ROAD, DAUFUSKIE ISLAND (PUBLIC BEACH ACCESS)

This item comes before Council under the Consent Agenda. Discussion occurred at the August 17, 2015 meeting of the Public Facilities Committee.

It was moved by Mr. Stewart, seconded by Mr. Rodman, that Council approve a right-of-way exchange for Beach Road, Daufuskie Island in order to provide public beach access. The vote: YEAS – Mr. Caporale, Mrs. Bensch, Mr. Dawson, Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. McBride, Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. The motion passed.

RESOLUTION AUTHORIZING THE FILING OF APPLICATIONS WITH THE FEDERAL TRANSIT ADMINISTRATION, AN OPERATING ADMINISTRATION OF THE UNITED STATES DEPARTMENT OF TRANSPORTATION, FOR FEDERAL TRANSPORTATION ASSISTANCE AUTHORIZED BY 49 U.S.C. CHAPTER 53; TITLE 23, UNITED STATES CODE, OR OTHER FEDERAL STATUTES ADMINISTERED BY THE FEDERAL TRANSIT ADMINISTRATION (DESIGNATING LOWCOUNTRY REGIONAL TRANSPORTATION AUTHORITY (LRTA) A RECIPIENT FOR FEDERAL TRANSIT ADMINISTRATION FUNDING)

This item comes before Council under the Consent Agenda. Discussion occurred at the August 17, 2015 meeting of the Public Facilities Committee.

It was moved by Mr. Stewart, seconded by Mr. Rodman, that Council adopt a resolution authorizing the filing of applications with the Federal Transit Administration, an operating administration of the United States Department of Transportation, for federal transportation assistance authorized by 49 U.S.C. Chapter 53; Title 23, United States Code, or other federal statutes administered by the Federal Transit Administration (designating Lowcountry Regional Transportation Authority (LRTA) a recipient for federal transit administration funding). The vote: YEAS – Mr. Caporale, Mrs. Bensch, Mr. Dawson, Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. McBride, Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. The motion passed.

AN ORDINANCE TO AUTHORIZE THE COUNTY ADMINISTRATOR TO EXECUTE A QUIT CLAIM DEED FOR THE MARY FIELDS SCHOOL AND ASSOCIATED PROPERTY ON DAUFUSKIE ISLAND TO THE FIRST UNION AFRICAN BAPTIST CHURCH

This item comes before Council under the Consent Agenda. Discussion occurred at the August 17, 2015 meeting of the Public Facilities Committee.

It was moved by Mr. Stewart, seconded by Mr. Rodman, that Council approve on first reading an ordinance authorizing the County Administrator to execute a quit claim deed for the Mary Fields School and associated property on Daufuskie Island to the First Union African Baptist Church. The vote: YEAS – Mr. Caporale, Mrs. Bensch, Mr. Dawson, Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. McBride, Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. The motion passed.

AN ORDINANCE OF THE COUNTY OF BEAUFORT, SOUTH CAROLINA TO AMEND ARTICLE II, SECTION 14-26, *ET SEQ.* OF THE BEAUFORT COUNTY CODE OF LAWS TO PROHIBIT THE IMPORTATION OF EXOTIC ANIMAL WITHIN BEAUFORT COUNTY

This item comes before Council under the Consent Agenda. Discussion occurred at the August 24, 2015 meeting of the Community Services Committee.

It was moved by Mr. Stewart, seconded by Mr. Rodman, that Council approve on first reading an ordinance to amend Article II, Section 14-26, *et seq.* of the Beaufort County Code of Laws to prohibit the importation of exotic animal within Beaufort County. The vote: YEAS – Mr. Caporale, Mrs. Bensch, Mr. Dawson, Mr. Flewelling, Mr. Fobes, Mrs. Howard, Mr. McBride, Mr. Rodman, Mr. Sommerville, Mr. Stewart and Mr. Vaux. The motion passed.

PUBLIC HEARING

AN ORDINANCE TO AMEND THE STORMWATER MANAGEMENT UTILITY ORDINANCE AS ADOPTED AUGUST 22, 2005 TO PROVIDE FOR AMENDMENT OF THE RATE STRUCTURE, ADJUST UTILITY RATES, AND TO MODIFY CERTAIN TERMS TO ACCURATELY REFLECT ADMINISTRATION STRUCTURE (TO ADOPT RATE STRUCTURE E)

The Chairman opened the second of two public hearings beginning at 6:00 p.m. for the purpose of receiving comment regarding an ordinance to amend the Stormwater Management Utility Ordinance as adopted August 22, 2005 to provide for the amendment of the rate structure, adjust utility rates, and to modify certain terms to accurately reflect the administration structure (to adopt Rate Structure E).

Ms. Yvette Williams, a resident of Seabrook, stated residents, who live in rural areas, should be treated as a positive part of the County. Owners of large tracts of land do not really create a burden on the system. Federal grants and loans are available to fund MS4.

Rev. Venice Young, a resident of Stewart Point, stated senior citizen should not have to pay the stormwater rate fee.

Mrs. Kate Schaefer, South Coast Director, Coastal Conservation League, expressed the League's support for the MS4 compliance and leadership Council is taking to create a stormwater proactive stormwater program. She suggested the possibility of including a rate cap to ease the burden on owners of large tracts of land in the rural parts of the County.

After calling twice more for public comment and receiving none, the Chairman declared the hearing closed at 6:13 p.m.

Main motion: It was moved by Mr. Flewelling, as Chairman of the Natural Resources Committee (no second required), that Council approve on third and final reading an ordinance to amend the Stormwater Management Utility Ordinance as adopted August 22, 2005 to provide for the amendment of the rate structure, adjust utility rates, and to modify certain terms to accurately reflect the administration structure (to adopt Rate Structure E).

Motion to postpone: It was moved by Mr. Vaux, seconded by Mr. Fobes, that Council postpone the motion until the September 14, 2015 meeting of Council. The vote: YEAS - Mrs. Bensch, Mr. Dawson, Mr. Flewelling, Mr. Fobes, Mr. McBride, Mr. Rodman and Mr. Vaux. NAYS – Mr. Caporale, Mrs. Howard, Mr. Sommerville and Mr. Stewart. The motion passed.

MATTERS ARISING OUT OF EXECUTIVE SESSION

There were no matters arising out of executive session.

PUBLIC COMMENT

The Chairman recognized Mr. Kubic, County Administrator, who announced the members of Council would tour Daufuskie Island on Tuesday, September 15, 2015, departing from Broad Creek Marine at 7:15 a.m.

Mr. Kubic will ask the Chairman to assign to the Executive Committee receipt of a staff presentation regarding a diversity review of Council appointed boards and commissions relating to Title VI of the Civil Rights Act of 1964.

ADJOURNMENT

Council adjourned at 6:51 p.m.

COUNTY COUNCIL OF BEAUFORT COUNTY

By: _____
D. Paul Sommerville, Chairman

ATTEST: _____
Suzanne M. Rainey, Clerk to Council
Ratified:

COMMUNITY SERVICES COMMITTEE

August 24, 2015

The electronic and print media duly notified in accordance with the State Freedom of Information Act.

The Community Services Committee met Monday, August 24, 2015 beginning at 1:30 p.m. in the Large Meeting Room, Hilton Head Island Branch Library, 11 Beach City Road, Hilton Head Island, South Carolina.

ATTENDANCE

Chairman William McBride, Vice Chairman Gerald Dawson and Committee members Rick Caporale, Steven Fobes, Alice Howard and Tabor Vaux. Non-committee members Cynthia Bensch, Stu Rodman and Paul Sommerville present. (Paul Sommerville, as County Council Chairman, serves as an *ex-officio* member of each standing committee of Council and is entitled to vote.)

County staff: Ben Boswell, Human Services Alliance; Allison Coppage, Assistant County Attorney; Joshua Gruber, Deputy County Administrator/Special Counsel; Phil Foot, Assistant County Administrator–Public Safety; Leslie Holmes, Human Services Alliance; Tom Keaveny, County Attorney; Gary Kubic, County Administrator; Eric Larson, Environmental Engineering Director; Fred Leyda, Director, Human Services Alliance; Shannon Loper, Deputy Director, Parks and Leisure Services; Scott Marshall, Director, Parks and Leisure Services; Ray McBride, Library Director; Monica Spells, Assistant County Administrator–Civic Engagement and Outreach; and Tallulah Trice, Animal Control Director.

Media: Scott Thompson, *Bluffton Today*.

Councilman William McBride chaired the meeting.

ACTION ITEMS

- 1. An Ordinance of the County of Beaufort, South Carolina to Amend Article II, Section 14-26, *et seq.* of the Beaufort County Code of Laws to Prohibit the Importation of Exotic Animal Within Beaufort County**

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Stu Rodman provided the Committee with an update on this item. An emergency ordinance prohibiting the importation of exotic animals within Beaufort County was adopted on June 22, 2015. Since it was an emergency ordinance, it automatically expires on the sixty first (61st) day following the date of enactment. The ordinance before the Committee today needs approval in order to extend the prohibition of importing exotic animals within Beaufort

County for an additional 60 days, while Council is in the process of discussing and making amendments to the current Animal Control Ordinance, to include said language.

Motion: It was moved by Mr. Dawson, seconded by Mrs. Howard, that Committee approve and recommend to Council approve on final reading an emergency ordinance to amend Article II, Section 14-26, et seq. of the Beaufort County Code of Laws to prohibit the importation of exotic animal within Beaufort County. This ordinance will expire on the sixty first (61st) day following the date of enactment. The vote: YEAS –Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. ABSTAIN – Mr. Caporale. The motion passed.

Recommendation: Council approve on final reading an emergency ordinance prohibiting the importation of exotic animals within Beaufort County. This ordinance will expire on the sixty first (61st) day following the date of enactment.

2. An Ordinance to Amend Ordinance 2006/24 to Include in Section 6, Paragraph B, Subparagraph 3c, Discount Table for Affordable Housing of the Development Impact Fee Procedures Ordinance

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Stu Rodman reviewed this item with the Committee. This particular section was inadvertently omitted from the County of Code Ordinances. Therefore, the purpose of this ordinance is to reinstate the text into the Code.

Motion: It was moved by Mr. Caporale, seconded by Mr. Fobes, that Committee approve and recommend to Council approval on first reading of an Ordinance to amend Section 6, Paragraph B, Subparagraph 3c, Discount Table for Affordable Housing of the Development Impact Fee Procedures Ordinance. The vote: YEAS –Mr. Caporale, Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. The motion passed.

Recommendation: Council approve on first reading an ordinance to amend Section 6, Paragraph B, Subparagraph 3c, Discount Table for Affordable Housing of the Development Impact Fee Procedures Ordinance.

3. Ratification of Interim Agreement With Love House Learning Academy to Provide After School Programming and Senior Citizen Services for a Six-Month Trial Basis

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Jerry Stewart reviewed this item with the Committee. Before the Committee is a proposed Memorandum of Understanding between Beaufort County and Love House Learning Academy to provide after school care for children as well as services for senior citizens of Beaufort County.

Mr. Caporale inquired as to the cost comparison between keeping the services in-house, versus using Love House Learning Academy for these services. Mr. Gruber replied costs remain the same.

Motion: It was moved by Mr. Caporale, seconded by Mr. Fobes, that Committee approve and recommend to Council authorize the County Administrator to enter into a Memorandum of Understanding between Beaufort County and Love House Learning Academy for after school care for children as well as senior citizens services for a six-month trial basis. The vote: YEAS – Mr. Caporale, Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. The motion passed.

Recommendation: Council authorize the County Administrator to enter into a Memorandum of Understanding between Beaufort County and Love House Learning Academy to provide after school care for children as well as senior citizens services for a six-month trial basis.

INFORMATION ITEMS

4. Community Services / Outreach Department Updates

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Ms. Monica Spells, Assistant Administrator–Civic Engagement and Outreach, introduced Mr. Fred Leyda, Director, Human Services Alliance, and Mr. Ray McBride, Library Director, to provide the Committee with updates.

Collaborative Organization of Services for Youth (COSY) and Human Services Alliance

Mr. Fred Leyda, Human Services Alliance Director, provided the Committee with a PowerPoint Presentation on COSY / Human Services Alliance. COSY's mission is to plan, develop and facilitate an effective continuum of support for Beaufort County youth and their families needing coordinated services. Further, to promote and advocate for family-centered practices and local services in the least restrictive setting possible. COSY was founded on the idea that local community professionals could provide better therapeutic service coordination by being more family-centered, minimizing family disruption and reducing the cost of services. He provided an overview of how the services were offered, and welcomed any questions from the Committee.

Library

Mr. Ray McBride, Library Director, provided the Committee with a PowerPoint presentation on the Beaufort County Library system. The libraries serve and support the community for learning, for leisure and for life. The growing and diverse population of Beaufort

County envisions a public library that is a leader in the community and a vital threshold to opportunity, self-education, and recreation. The libraries provide free access to information and the dynamic exchange of ideas both locally and around the world, empowering citizens with resources to adapt to a rapidly changing world while preserving the area's rich heritage. He provided the Committee information on the Board of Trustees, County population and demographics, as well as an overview of the five library branches. The online resources available through the library include a Lowcountry Digital Library, Mango Language Learning Library, 52 Educational/Research Databases, Well-Read Podcast, and My Next Book Reader's Advisory. The collection within the library includes 350,000 items, 12,000 e-Titles on the 3M Cloud Library, and 320,000 e-Titles through Hoopla. The library system is also part of South Carolina Lends, which is a shared resource that includes 20 counties and the State Library. Annual statistics as well out types of checkouts were thoroughly reviewed by the Committee. He concluded with the following:

- Libraries are well used by every demographic
- Analysis confirms higher income, aging and transient population (snow birds, military, tourists)
- Geography can create barriers to library usage
- Books are still very popular

Currently, the libraries are challenged with aging facilities, deferred maintenance, funding and staff turnover, and long-term sustainable funding. In order to better serve the Beaufort County population, we must repair/renovate existing facilities, fund sustainable levels of staffing, adjust hours of branches to better serve communities and introduce new services that are cost effective and show return on investment.

Status: Informational items only.

5. Consideration of Reappointments and Appointments

- **Alcohol and Drug Abuse Board**

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Status: No action recommendations brought forward.

6. Consideration of Reappointments and Appointments

- **Disabilities and Special Needs Board**

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Status: No action recommendations brought forward.

7. Consideration of Reappointments and Appointments

- **Library Board**

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Status: No action recommendations brought forward.

8. Off Agenda – County Administrator Update

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Gary Kubic, County Administrator, provided the Committee with an update on the discussions and negotiations relative to parks and recreational services on Hilton Head Island.

Status: Information only.

DRAFT

FINANCE COMMITTEE

August 17, 2015

The electronic and print media duly notified in accordance with the State Freedom of Information Act.

The Finance Committee met Monday, August 17, 2015 beginning at 1:30 p.m. in the Conference Room of Building 3, Beaufort Industrial Village, 104 Industrial Village Road, Beaufort, South Carolina.

ATTENDANCE

Chairman Jerry Stewart, Vice Chairman Steve Fobes and members Cynthia Bensch, Rick Caporale, Brian Flewelling, William McBride and Stu Rodman. Non-committee members Gerald Dawson, Alice Howard, Paul Sommerville and Tabor Vaux present. (Paul Sommerville, as County Council Chairman, serves as an *ex-officio* member of each standing committee of Council and is entitled to vote.)

County staff: Jim Beckert, Auditor; Allison Coppage, Assistant County Attorney; Tony Criscitiello, Planning Director; Phil Foot, Assistant County Administrator–Public Safety; Suzanne Gregory, Employee Services Director; Joshua Gruber, Deputy County Administrator/Special Counsel; Tom Keaveny, County Attorney; Gary Kubic, County Administrator; Alicia Holland, Assistant County Administrator–Finance; Dave Thomas, Purchasing Director; and Maria Walls, Treasurer.

Media: Joe Croley, *Lowcountry Inside Track*; Zack Murdaugh, *The Beaufort Gazette/Island Packet*; and Scott Thompson, *Bluffton Today*.

Public: Lindsay Fruchtl, Senior Marketing Manager, Hilton Head Island-Bluffton Chamber of Commerce; Ariana Pernice, Vice President, Visitors and Convention Bureau, Hilton Head Island-Bluffton Chamber of Commerce; Kelly Smith, Public Relations and Social Content Manager, Hilton Head Island-Bluffton Chamber of Commerce; Jocelyn Staiger, Government Affairs Director, Hilton Head Island Association of Realtors; Glen Stanford, Southern Beaufort County Corridor Beautification Board; Richard Walls; Steve Tully, developer, Whitehall Plantation; Robb Wells, Vice President, Tourism Division, Beaufort Regional Chamber of Commerce; and Blakely Williams, President and CEO, Beaufort Regional Chamber of Commerce.

Councilman Stewart chaired the meeting.

ACTION ITEMS

1. Consideration of Reappointments and Appointments

• Airports Board

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Motion: It was moved by Mr. Caporale, seconded by Mr. Rodman, that Committee approve and recommend Council nominate Mr. Gerald Costa, representing active pilot / recently retired commercial pilot, to serve as a member of the Airports Board. This is a partial term that will expire in February 2017. The vote: YEAS – Mrs. Bensch, Mr. Caporale, Mr. Flewelling, Mr. Fobes, Mr. McBride, Mr. Rodman and Mr. Stewart. The motion passed.

Motion: It was moved by Mr. Flewelling, seconded by Mrs. Bensch, that Committee approve and recommend Council nominate Ms. Blakely Williams, representing Beaufort Regional Chamber of Commerce, to serve as a member of the Airports Board. This is a partial term, that will expire in February 2017. The vote: YEAS – Mrs. Bensch, Mr. Caporale, Mr. Flewelling, Mr. Fobes, Mr. McBride, Mr. Rodman, Mr. Sommerville and Mr. Stewart. The motion passed.

Recommendation: Council nominate Mr. Gerald Costa, representing active pilot / recently retired commercial pilot, and Ms. Blakely Williams, representing Beaufort Chamber of Commerce, for appointment to serve as members of the Airports Board.

2. A Resolution Memorializing the Appointing of Members to the Commission Created Pursuant to the Capital Projects Sales Tax Act, S.C. Code Ann. 4-10-300, et seq. (Sup. 2003); to Provide for the Duties and Responsibilities of the Commission Members and to provide for Other Matters Relating Thereto

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Committee Chairman Jerry Stewart provided the committee with the review process and the chain of events leading up to the creation of the Capital Project Sales Tax Commission (Commission). A resolution is before the Committee today to memorialize the appointing of members to the Commission:

- Mike Sutton – City of Beaufort
- Mike Tripka – Town of Bluffton
- Andrea Siebold – Town of Hilton Head Island
- Dean Moss – Town of Port Royal
- Alan Herd – Beaufort County
- Carolyn Smith – Beaufort County

Mrs. Bensch nominated Tom Zinn to fill one of two Beaufort County seats.

Due to three names being submitted for the two Beaufort County seats, the Chairman asked the Committee to vote on the two names they would like to move forward.

Alan Herd

The vote: YEAS –Mr. Caporale, Mr. Flewelling, Mr. Fobes, Mr. McBride, Mr. Rodman, Mr. Sommerville and Mr. Stewart. Mr. Herd garnered seven votes.

Carolyn Smith

The vote: YEAS –Mr. Flewelling, Mr. Rodman, Mr. Sommeville and Mr. Stewart. The motion passed. Mrs. Smith garnered four votes.

Tom Zinn

The vote: YEAS – Mrs. Bensch, Mr. Caporale, and Mr. Fobes. Mr. Zinn garnered three votes.

Motion: It was moved by Mr. Flewelling, seconded by Mr. Flewelling, that Committee approve and recommend Council adopt a resolution memorializing the appointing of members to the Commission created pursuant to the *Capital Project Sales Tax Act*, S.C. Code Ann. §4-10-300, *et seq.* (Sup. 2003); to provide for the duties and responsibilities of the Commission members and to provide for other matters relating thereto. Further, Council appoint the following individuals to the Commission: Alan Herd, Dean Moss, Andrea Siebold, Carolyn Smith, Mike Sutton and Mike Tripka. The vote: YEAS – Mrs. Bensch, Mr. Caporale, Mr. Flewelling, Mr. Fobes, Mr. McBride, Mr. Rodman and Mr. Stewart. The motion passed.

Recommendation: Council adopt a resolution memorializing the appointing of members to the Commission created pursuant to the *Capital Project Sales Tax Act*, S.C. Code Ann. §4-10-300, *et seq.* (Sup. 2003); to provide for the duties and responsibilities of the Commission Members and to provide for other matters relating thereto. Further, Council appoint the following individuals to the Commission: Alan Herd, Dean Moss, Andrea Siebold, Carolyn Smith, Mike Sutton and Mike Tripka.

INFORMATION ITEMS

3. Presentation / County Auditor Jim Beckert

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: County Auditor Jim Beckert, provided the Committee with a PowerPoint presentation. The presentation outlined the Auditor's current office structure, as well as an organization structure that focuses on the "legitimate functions of the office." Mr. Beckert gave

an overview of the Office's current operational processes, customer service needs, and staffing needs. *The text that follows has been copied verbatim from the PowerPoint presentation.*

Operational

- A review of how work is organized and how staff completes the work
- Established table of organization providing office structure
- Position descriptions assigned to each employee for accountability
- Operational directives are being written to educate the staff to better serve the public
- A Deputy has been selected and scheduled to start August 24
- The offices have been spruced up with on hand furniture and fixtures

Customer Service

- A customer service program has been implemented: (1) Training will be scheduled to educate and develop the desired office culture; (2) The advocate service proposition is in place and being used by staff; (3) Staff has a step by step outline to meet the standards; (4) Appropriate conversational language is in the manual to guide encounters; (5) Case studies are provided for role playing as well
- Service standards are in place and will be used to document performance and develop areas for additional training.

Staffing Needs

- Customer service training for all the office staff
- Staff training on use of SC Code and other directives needed to educate the customer
- Process-workflow and mapping training to streamline work processes
- Training on the upgrade of Aumentum V10.3 platform

Various changes and improvements implemented since July 1, 2015

- A new service proposition is in place that defines performance expectations
- Office appearance has evolved using the resources available and at no added cost
- Work stations look professional, well organized and ready to help the customer
- Staff appearance had changed with a clear written expectation
- Customer wait time is being reduced because software responsiveness is improving thanks to the support of the IT department
- Testing for annual tax run has started with expectation that tax bills will go out on time

Overview of technology performance, stability and utility, as well as outlined the following value added services

- Old documents are being scanned for electronic use (Records Management)
- Old files are being moved to records management (Records Management)
- Streamlining work processes is underway (IT)
- Data security and firewall protection of data is starting (IT)

Future initiatives

Operational:

- Address the need to accommodate the increased number of customers: reorganize workflow for web based services; reorganize office workflow to address increased traffic from the web and keep the face to face personal touch interactions
- Implement and work more thoroughly perform the legitimate functions of the office
- Leverage technology to automate as much as possible
- Train staff to recognize workflow bottlenecks and map efficient solutions

Staffing:

- Expand staff to address the legitimate functions of the office that have been dormant
- Increase staffing to address the workload growth seen over the past 15+ years: reorganize the work for greater efficiency; expand the website to offer additional services online

Mr. Beckert outlined “opportunities to improve the county outlook with needed resources to focus on the legitimate functions of the office: (1) processes for recording, reporting and rendering taxable property have improved and will be actively managed to expand the tax base with additional staff; (2) current services will evolve with a depth of knowledge with expectation to educate and serve the public for the proper transaction of the legitimate business.”

Status: Further discussion of this item will occur at a future meeting of the Finance Committee.

4. Presentation / County Treasurer Maria Walls

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mrs. Maria Walls, Beaufort County Treasurer, presented to the Committee a PowerPoint presentation outlining the Treasurer’s Office achievements, collections and future plans. The Beaufort County Treasurer’s Office manages 53 bank and investment accounts, mails and processes over 320,000 tax bills per year, and receives and records approximately 300 interdepartmental deposits per month. She announced to the committee the launch of a new website that offers more transparency and usability for the citizens of Beaufort County. Other achievements include the following:

- Process change of address requests
- eReceipt program (saves over \$13,000 per year on postage)
- Receipt partnership with DMV (saves over \$62,000 per year on postage)

The County has \$104,517,000 in unrestricted cash on hand. The collection rate for Tax Year 2013 was 98.67%. The collection rate for Tax Year 2014 is at 95.25%.

Overview of the collection timeline

- November – Current tax notices
- January – Current taxes due
- April – Delinquent tax notices
- May – Certified delinquent tax notices
- August – Delinquent properties are posted
- October – Delinquent properties sent to auction

Future plans for the office

- Increased payment method options
- Conduct first online auction for FLC properties
- Begin auctioning personal property
- Upgrade tax collection software
- Issue motor vehicle decals in the offices

Status: Further discussion of this item will occur at a future meeting of the Finance Committee.

5. Consideration of Contract Award

- **Classification and Compensation Study Services**

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Dave Thomas, Purchasing Director, reviewed this item with the Committee. The Purchasing Department received Request for Payment (RFP) responses from qualified firms to provide Classification and Compensation Study Services for Beaufort County on January 16, 2015. In accordance with the Beaufort County Purchasing Code, an Evaluation Committee was formed to review and evaluate the three responses. Arthur J. Gallagher & Company of Phoenix, Arizona, was selected and ranked the number one firm. The total cost is \$87,000. Staff is requesting a 15% contract contingency of \$13,050 which may or may not be utilized to cover the \$300 per appeal charge.

Motion: It was moved by Mr. Flewelling, seconded by Mr. Fobes, that Committee award a contract to Arthur J. Gallagher & Company, Phoenix, Arizona, to provide Classification and Compensation Study Services for Beaufort County's Employee Services Department in the amount of \$87,000. Additionally, approve a contract contingency of 15%, bringing the total budget to \$100,050. Funding will come from Account 10001160-51160, Employee Services, Professional Services. The vote: YEAS – Mrs. Bensch, Mr. Caporale, Mr. Flewelling, Mr. Fobes, Mr. McBride, Mr. Rodman and Mr. Stewart. The motion passed.

Status: Committee awarded a contract to Arthur J. Gallagher & Company, Phoenix, Arizona, to provide Classification and Compensation Study Services for Beaufort County's Employee Services Department in the amount of \$87,000. Additionally, approve a contract contingency of 15%, bringing the total budget to \$100,050. Funding will come from Account 10001160-51160, Employee Services, Professional Services.

6. Presentation / Chamber of Commerce Annual Designated Marketing Organization Activities

- **Hilton Head Island-Bluffton Chamber of Commerce**
- **Beaufort Regional Chamber of Commerce**

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Ms. Ariana Pernice, Vice President, Visitors and Convention Bureau, Hilton Head Island-Bluffton Chamber of Commerce, provided the Committee with a PowerPoint presentation on the FY 2015/2016 Southern Beaufort County Marketing Plan. The presentation included a recap of Bluffton FY 2014/2015 Marketing, The Bluffton Strategy Social Media and Digital Content, Marketing Plan Highlights for Bluffton FY2015/2016, and Daufuskie Island Marketing. A short outline of the presented material is as follows:

Bluffton FY2014/2015 Marketing Recap / VisitBluffton.org

- Total Website Visitation
 - In December: 7,394 Website Visits (up +77% verse previous year)
 - December 2014 YTD: 1000,238 Website Visits (up +84% verse previous year)
- Top US DMA Visitation
 - December 2014 YTD, the US drives 96% of Total Website Traffic
 - The Savannah, GA DMA drives 27% of Total Website Traffic
- Visits by Source
 - Search Traffic drives 69% of total website traffic
 - Paid Media is the largest source of website traffic
 - Additionally, Paid Media is driven an incremental 48,000+ visits to the site in 2014
- Total Website Visitation
 - In June 2015: 7,624 Website Visits (up +47% verse previous year)
 - June 2015 YTD: 47,148 Website Visits (up +26 verse previous year)
- VisitBluffton.org Refresh
 - Responsive design that functions for mobile and tablet devices, as well as traditional desktop computers, which creates a better and more optimized user experience for website visitors
 - High impact visuals and prominent video placement
 - Enhancement partner listings comprised of detailed listings, photo and social media links

- 2014 Idea House Recap
 - Valuable Sponsor Exposure / Online and Onsite Integration
 - High Online Interaction / SouthernLiving.com
 - Southern Living Idea House campaign highlights
 - Southern Living Weddings / Digital Campaign results

The Bluffton Strategy: Social Media and Digital Content

- Bluffton social strategy
 - The destination Facebook page 'Visit Hilton Head' posts about Bluffton on an ongoing basis to include Bluffton events, timely updates, fan photos and seasonal travel ideas
 - Each Facebook post reaches an audience of between 10,000 and 30,000 users.
 - Over the course of the past few months, these posts have built up more of an interest in Bluffton. Fans have become more engaged with the posts, and have begun to share their own photos of Old Town and the surrounding areas.
- The social strategy / In context
 - As our presence on every platform grows, posts focusing on these areas will gain broader exposure and engagement to VisitBluffton.org
 - As we evolve into more a storytelling format - - we will also be adjusting messages to speak more to the experiences one can have while visiting Bluffton and the Lowcountry.
 - The posts have followed the same content strategies we apply to all posts, with that extra distinction and name recognition of the region and with direct link to VisitBluffton.org
- Next Steps / social media
 - In 2015, we plan to continue our focus on posting incredible user-generated photos of Bluffton to Facebook, Twitter and Instagram.
 - Now that we have access to more of these great photos, we will also be able to build up our Pinterest boards devoted to this location.
 - Develop user generated content for the destination – fan videos and photos
 - Continue with exciting and robust content for the Bluffton blog – featuring a local voice and perspective.

Bluffton FY2015/2016 Marketing Plan Highlights

- Search Engine Marketing (SEM) and Pay-Per-Click (PPC) Campaigns
 - SEM/PPC marketing is a key driver of VisitBluffton.org website visitation and measurable conversions. 2015/2016 campaign will include the following: Local Search, US Search, Contextual, Remarketing, and Interest categories
- *Southern Living* Magazine
 - Digital Travel Main Page Sponsorship
 - Sponsored Bluffton ad/context will have 100% exposure on SouthernLiving.com Travel main page for one month
 - Ad/Content focus – Bluffton, Heart of the Lowcountry / 11th Annual Historic Bluffton Arts and Seafood Festival

- The ad will drive visitors to VisitBluffton.org where the Arts & Seafood festival is the feature event on the home page of VisitBluffton.org
- Garden and Gun / The G&G Reader
 - Three-part advertorial series highlighting our area
 - Bluffton to receive two (2) page advertorial + one (1) brand ad in the February/March 2016 issue
 - G&G writes the advertorial
 - Two (2) profile partner and five (%) featured partner positions
 - Dedicated landing page on VisitBluffton.org featuring the spread and participating partners
- Meetings & Groups / Signature Experiences Development
 - The Visitor and Convention Bureau has partnered with Opportunities Unlimited, to execute a three phase Experiential Development Program to enhance New c the area's meeting experience. There will be 1-2 experiences developed for Bluffton
 - Phase I – Assessment, January – October 2015
 - Phase II – Development, September 2015 – February 2016
 - Phase III – Implementation and Promotion, Spring 2016

Daufuskie Island Marketing

- Daufuskie Island Webisodes and Photoshoot
 - Completed filming series of three 1:30-2:00 webisodes
 - Webisodes feature
 - Travel, Stay & Plan – overview of the island
 - Outdoors, Adventure & Wildlife
 - Arts, Culture, & History
 - Due for completion in Fall 2015 and will be distributed on our YouTube channel and pulled into VisitDaufuskie.org
- Digital Promotions
 - New content and redesign of current microsite VisitDaufuskie.org
 - Incorporate imagery from the photo shoot and video into the website and social media posts
 - Continued content creation on Island Vibe Blogs and social channels that provides a local perspective on seasonal activities, newsworthy events and unique travel experiences
- Meetings & Groups / Signature Experiences Development
 - The Visitor and Convention Bureau has partnered with Opportunities Unlimited, to execute a three phase Experiential Development Program to enhance the area's meeting experience. There will be one experience development for Daufuskie Island
 - Phase I – Assessment, January – October 2015
 - Phase II – Development, September 2015 – February 2016
 - Phase II – Implementation and promotion, Spring 2016

Mrs. Bensch suggested a motion asking that the Hilton Head Island – Bluffton Chamber of Commerce to have separate funding accounts and reports for DMO's.

Mr. Stewart inquired as to the overall product - - how many visitors?

Mr. Caporale would like to see historical data on the Chamber's financial numbers.

Mr. Robb Wells, Vice President, Tourism Division Beaufort Regional Chamber of Commerce, provided the Committee with a Tourism Update which covered the following:

- Target Demographics
 - 55 and older
 - \$75,000 and up Household Income
 - Appropriate MSA Market Penetration
- Results Driven
 - Monitor Occupancy, ADR, RevPar
 - Virtual Guest Book
 - Leads – Inquiries – Engagement
 - Industry Trends and Insights
- Additional Media Attention
 - USA Journal
 - Atlanta Journal-Constitution
 - Charlotte Observer
 - Fodors, WSJ, CNN.com
 - Total Media Impressions – 555 million+

Mr. Wells reviewed the average cost per lead to be \$3.00, and the average social growth to be 1,600. BeaufortSC.org is up 14%, and organic growth is up 28%.

- How are we doing?
 - Since 2012, hotel revenues have climbed 16%
 - Room demand has climbed over 9%
 - \$28 million – direct spending lodging
 - Tax Revenues = \$1.4 million lodging

2015/2016 Marketing Strategy:

- Objective 1 – Develop and Execute Integrated Marketing Plan
- Objective 2 – Conduct Research
- Objective 3 – Sustain Stakeholder Relationships
- Objective 4 – Influence Product Development consistent with Brand
- Objective 5 – Increase Group Travel

A video outlining 2014 Beaufort County Tourism was presented to the Committee.

Status: Information only.

7. Discussion / Chamber of Commerce Request to Change the \$300,000 Local Accommodations Tax Allocation with an Annual Ongoing Investment of 50% Local Accommodations Tax (ATax) Collections and 50% of Local Hospitality Tax Collections (HTax)

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Robb Wells, Vice President, Tourism Division, Beaufort Regional Chamber of Commerce, reviewed this item with the Committee. As of June 30, 2015, there is \$8 million in reserve in Beaufort County's local tourism tax revenues for investments in destination marketing and tourism infrastructure.

The Hilton Head Island-Bluffton Chamber of Commerce, along with the Beaufort Regional Chamber of Commerce (hereinafter Chambers) are proposing the following for new investment:

- Change the \$300,000 local accommodations tax allocation to the County's Co-DMOs with annual ongoing investment of 50% Local Accommodations Tax collections and 50% of Local Hospitality Tax collections (after the County's 8% administrative fee is deducted):

The year Average ATax and HTax collections	\$2,806,840
Deduction of Beaufort County's 8% Administration Fee	\$ 224,547-
Remaining Balance	\$2,582,292
Estimated. Average New Allocation to Co-DMOs	\$1,291,146
Estimated Average New Allocation to each DMO	\$ 645,573

He outlined the DMO guiding principles, as well as the initiatives for both northern and southern Beaufort County which are as follows:

Northern Beaufort County

- Sustain and Grow first time visitors
- Build shoulder-season with repeat visitation
- Help Build & Sustain a Collaborative, Countywide Cultural Heritage Marketing Initiative
- Expand Meetings & Group Business

Southern Beaufort County

- Grow High Corporate Meetings & Group Business
- Sustain and Grow Unincorporated Beaufort County Tourism
- Help Build & Sustain a Collaborative, Countywide Cultural Heritage Marketing Initiative

- Collaborate & Promote Economic Development initiatives through the tourism platform

Status: Information only.

8. Southern Beaufort County Corridor Beautification Board / Request to Use Tree Reforestation Funds for U.S. 278 Beautification Projects

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Joshua Gruber, Deputy County Administrator / Special Council, reviewed this item with the Committee. This is a request from the Southern Beaufort County Corridor Beautification Board for funding from the County's Tree Reforestation Fund for landscape installation of planting and maintenance of the median of U.S. Highway 278. J. K. Tiller Associates, Inc. provided the Committee with a probable cost estimate for the plantings of the medians. This is for the earmarking of \$100,000. This item will come back before the Committee with a detailed project.

Motion: It was moved by Mr. Rodman, seconded by Mrs. Bensch, that Committee approve earmarking \$100,000 of Beaufort County Tree Reforestation funds for the installation of planting and maintenance of the median on U.S. Highway 278. The vote: YEAS – Mrs. Bensch, Mr. Caporale, Mr. Flewelling, Mr. Fobes, Mr. McBride, Mr. Rodman and Mr. Stewart. The motion passed.

Status: Committee approved earmarking \$100,000 of Beaufort County Tree Reforestation funds for the installation of planting and maintenance of the median on U.S. Highway 278.

9. Discussion / Spanish Moss Trail Matching Funds

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Josh Gruber, Deputy County Administrator / Special Counsel, stated at the August 10, 2015, Council meeting, representatives of the PATH foundation came forward with a challenge grant to help develop additional portions of the Spanish Moss Trail. Essentially, there is \$7 million in funding coming from that organization, if \$750,000 is matched from private funds -- either through the county, city or local participation.

Mr. Dean Moss, Executive Director, Friends of the Spanish Moss Trail, spoke before the Committee. The project, ready to be funded, is from Roseida Road out to Clarendon Road. It has been separated into two different sections. The section running from Clarendon Road to Poppy Hill would be funded 100% by the Cox Foundation. The section running from Poppy Hill to Roseida Road is approximately 3 miles and has a total estimated cost of \$1.5 million. The Cox

Foundation is willing to put \$750,000 towards that section. There was also a third piece –the section in the Town of Port Royal running from Ribaut Road to the Ports Authority property, But, that section is on hold until the sale of the Ports Authority property is finalized. He informed the Committee that they are working on the private funding and exploring ideas.

Status: Information only.

10. Presentation / Whitehall Plantation Property

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Josh Gruber, Deputy County Administrator / Special Counsel, reviewed this item with the Committee. Several weeks ago, there were discussions with the developers of the Whitehall Plantation property regarding the potential development of a park on the tip of the peninsula on that property which faces the Beaufort River. There were several components discussed – recreational boardwalk or recreational dock as well as the possibility of staff developing the road infrastructure. In discussing that with staff, there were concerns about using Rural and Critical Lands funds for infrastructure, but, in the alternative, whether it would be worth looking at a multi-county business park. Staff is bringing this issue to the Committee for discussion and questions. Mr. Gruber presented the map to the Committee.

The Committee Chairman asked that this not go to vote today due to the many components to discuss.

Mr. Caporale requested all of the numbers relative to costs and impacts to the tax roll. Mr. Flewelling concurred.

Status: Staff is to provide Council with the costs and impacts to the tax roll relative to the creation of a multi-county business park for the Whitehall Plantation property.

PUBLIC FACILITIES COMMITTEE

August 17, 2015

The electronic and print media duly notified in accordance with the State Freedom of Information Act.

The Public Facilities Committee met Monday, August 17, 2015 beginning at 4:00 p.m., in the Conference Room of Building 3, Beaufort Industrial Village, 104 Industrial Village Road, Beaufort, South Carolina.

ATTENDANCE

Chairman Gerald Dawson, Vice Chairman Tabor Vaux and members Cynthia Bensch, Rick Caporale, Steven Fobes, William McBride and Alice Howard. Non-committee member Jerry Stewart present.

County Staff: Allison Coppage, Assistant County Attorney; Joshua Gruber, Deputy County Administrator/Special Counsel; Thomas Keaveny, County Attorney; Gary Kubic, County Administrator; Colin Kinton, Division Director-Transportation Engineering; Rob McFee, Division Director-Facilities and Construction Engineering; Mark Roseneau, Facilities Manager; and Dave Thomas, Purchasing Director.

Public: State Representative Jeffrey Bradley, Mary Lou Frazoni, Executive Director, Lowcountry Regional Transportation Authority; and Daufuskie Island residents Chuck Hunter, Don Newton Steve Hill and Laura Winholt.

Media: Joe Croley, *Lowcountry Inside Track*, and Scott Thompson, *Bluffton Today*.

Mr. Dawson chaired the meeting.

ACTION ITEMS

- 1. Consideration of Contract Award (> \$100,000)
Change Order / Design Build Construction Dirt Road Paving Contract 49 for
Wimbee Landing Road, Dale**

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Rob McFee, Division-Director Facilities and Construction Engineering, presented this item to the Committee. Wimbee Landing Road is a County maintained road in Sheldon Township from Keans Neck Road to the Wimbee Creek Boat Landing with a total approximate length of 3.3 miles. Recently, the section of Wimbee Landing Road (1.4 miles) from Kinloch Road to the Wimbee Creek Boat Landing has been paved. The County has

received inquiries from residents on when the remaining dirt road section of Wimbee Landing Road (1.9 miles) from Keans Neck Road to Kinloch Road would be paved.

The 1.9 mile dirt road section of Wimbee Landing Road has a total of 22 adjacent houses. There are 18 houses along Wimbee Landing Road from Keans Neck Road to the intersection of Community Center Road. This section of the roadway is approximately 5,556 feet. The remaining section of Wimbee Landing Road from Community Center Road to Kinloch Road has 4 houses and is approximately 4,625 feet long.

County Engineering staff have reviewed this change order proposal for adding the dirt portion of Wimbee Landing Road between Keans Neck Road and Community Center Road and determined that it is a fair, reasonable and responsive quote for engineering design and reconstruction of roadway.

The County has the necessary right of way in place in order to pave the remaining dirt road portion of Wimbee Landing Road. At the present time, the dirt road portion of Wimbee Landing Road is ranked #39 in the County Transportation Committee (CTC) paving list and was scheduled for reconstruction in FY 2017.

Motion: It was moved by Mr. Fobes, seconded by Mr. Vaux, that Committee approve and recommend to Council a contract award/change order to J. H. Hiers Construction, LLC, Walterboro, South Carolina with Andrews & Burgess, Inc., Beaufort, South Carolina in the amount of \$733,675 for Design Build Construction Dirt Road Paving Contract 49 for Keans Neck Road to the Community Center Road portion of Wimbee Land Road, Dale. The source of funding is County C funds. The vote: YEAS – Mrs. Bensch, Mr. Caporale, Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. The motion passed.

Recommendation: Council award a contract/change order to J. H. Hiers Construction, LLC, Walterboro, South Carolina with Andrews & Burgess, Inc., Beaufort, South Carolina in the amount of \$733,675 for Design Build Construction Dirt Road Paving Contract 49 for Keans Neck Road to the Community Center Road portion of Wimbee Land Road, Dale. The source of funding is County C funds.

2. Consideration of Contract Award (> \$100,000)

Construction Management and Construction Engineering Inspection Services for Various County Improvement Projects

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Rob McFee, Division-Director Facilities and Construction Engineering, presented this item to the Committee. Beaufort County issued a Request for Proposals from qualified firms to provide CM/CEI Services for various County capital improvement projects. Four firms submitted qualifications and proposals on May 7, 2015. The qualifications-based selection process for professional services differs from a typical proposal, in that the proposers

detail their qualifications and outline how they would accomplish the project within a specified budget amount. In this regard, proposals are reviewed on the basis of the qualifications and proposal scope rather than on the lowest price.

Motion: It was moved by Mr. Fobes, seconded by Mr. Vaux, that Committee approve and recommend to Council a contract award to F&ME Consultants, Columbia, South Carolina in the amount of \$225,582 for construction management and construction engineering inspection services for various County improvement projects. The projects and their associated source of funding follow: (i) Buckwalter Regional Park Community Center Phase 2 Expansion, Bluffton Parkway Parks and Leisure Services Impact Fees, Account 26520011-54453; (ii) Animal Shelter and Control Facility, 2015 Animal Shelter CIP, Account 40090011-54600; (iii) Perryclear Bridge Design-Building Replacement, TAG Fund Professional Services, Account 2342001T-51160; and (iv) County Dirt Road Paving Contract 49, TAG Fund Professional Services, Account 2342001T-51160. The vote: YEAS – Mrs. Bensch, Mr. Caporale, Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. The motion passed.

Recommendation: Council award a contract to F&ME Consultants, Columbia, South Carolina in the amount of \$225,582 for construction management and construction engineering inspection services for various County improvement projects. The projects and their associated source of funding follow: (i) Buckwalter Regional Park Community Center Phase 2 Expansion, Bluffton Parkway Parks and Leisure Services Impact Fees, Account 26520011-54453; (ii) Animal Shelter and Control Facility, 2015 Animal Shelter CIP, Account 40090011-54600; (iii) Perryclear Bridge Design-Building Replacement, TAG Fund Professional Services, Account 2342001T-51160; and (iv) County Dirt Road Paving Contract 49, TAG Fund Professional Services, Account 2342001T-51160.

3. Consideration of Contract Award (> \$100,000)

Bluffton Parkway Resurfacing from Buck Island Road to Simmonsville Road and Intersection Improvements for Bluffton Parkway and Malphrus Road

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Rob McFee, Division-Director Facilities and Construction Engineering, presented this item to the Committee. Beaufort County received bids for the asphalt resurfacing of the Bluffton Parkway from Buck Island Road to Simmonsville Road. Also included in the bid is design/build intersection improvements for the Bluffton Parkway at Malphrus Road. The Lane Construction Corporation's Small and Minority Business (SMB) Outreach Plan was reviewed and it was determined that they completed the good faith outreach requirements for the referenced project.

Motion: It was moved by Mr. Fobes, seconded by Mr. Vaux, that Committee approve and recommend to Council a contract award to The Lane Construction Corporation, Beaufort, South Carolina in the amount of \$433,483.25 (12% contingency \$52,017 for a total budget of \$485,500.25) for the resurfacing of Bluffton Parkway from Buck Island Road to Simmonsville Road and intersection improvements from Bluffton Parkway and Malphrus Road. The source of funding is County TAG Fund Account 2342001T-54901, Resurfacing and Improvements. The vote: YEAS – Mrs. Bensch, Mr. Caporale, Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. The motion passed.

Recommendation: Council award a contract to The Lane Construction Corporation, Beaufort, South Carolina in the amount of \$433,483.25 (12% contingency \$52,017 for a total budget of \$485,500.25) for the resurfacing of Bluffton Parkway from Buck Island Road to Simmonsville Road and intersection improvements from Bluffton Parkway and Malphrus Road. The source of funding is County TAG Fund Account 2342001T-54901, Resurfacing and Improvements.

**4. Consideration of Contract Award (> \$100,000)
Engineering Design Services for Replacement of Roofing Systems on Eight
Separate Beaufort County Facilities**

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Dave Thomas, Purchasing Director, presented this item to the Committee. On September 18, 2014 Beaufort County received qualification statements from seven engineering firms qualified to provide the roofing design and replacement services for the eight locations identified in the Request for Qualifications. The project involves the roofing designs for eight separate facilities. The services shall consist of construction documents, bidding assistance, construction administration and close-out. A selection committee interviewed the top three firms and recommended an award of contract to WTI, Beachwood, Ohio.

Motion: It was moved by Mr. Fobes, seconded by Mr. Vaux, that Committee approve and recommend to Council a contract award to WTI, Beachwood, Ohio (with offices in Charleston, Columbia and Greenville, South Carolina) in the amount of \$1,859,000 for engineering design services for the replacement of roofing systems in eight separate Beaufort County facilities. The source of funding is Account 40090011-54420, 2014 General Obligation Bonds. The vote: YEAS – Mrs. Bensch, Mr. Caporale, Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. The motion passed.

Recommendation: Council award a contract to WTI, Beachwood, Ohio (with offices in Charleston, Columbia and Greenville, South Carolina) in the amount of \$1,859,000 for engineering design services for the replacement of roofing systems in eight separate Beaufort County facilities. The source of funding is Account 40090011-54420, 2014 General Obligation Bonds.

5. SCDOT Administrative Services First Through Third Quarters FY 2015 / S.C. Highway 170 Widening, Bluffton Parkway Phase 5A Segment 2 Roadway, Flyover Bridge, and Boundary Street Redevelopment

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Rob McFee, Division-Director Facilities and Construction Engineering, presented this item to the Committee. In March 2008 Beaufort County executed an Intergovernmental Agreement (IGA) with SCDOT for the County's 2006 Sales Tax Projects. It states in the IGA that SCDOT shall conduct Quality Assurance (QA) oversight services on all construction projects on state maintained roadways at the discretion of the State Highway Engineer. The IGA also states that SCDOT shall invoice the County for reimbursement for costs incurred as part of the QA oversight activities.

Beaufort County has received the following SCDOT invoices for QA activities: S.C. Highway 170 Widening Project, Boundary Street Streetscape/TIGER Grant Project, and the Bluffton Parkway Phase 5A Segment 2 – U.S. Highway 278 flyover bridges' construction. Funding for the SCDOT Quality Assurance Services is from each project's 1% Sales Tax Road Improvement Program Accounts.

Motion: It was moved by Mr. McBride, seconded by Mr. Fobes, that Committee approve and recommend to Council authorization of the payment of the SCDOT first through third quarter FY 2015 invoice total of \$163,519.14 for oversight services on County Sales Tax Projects: S.C. Highway 170 Widening, Bluffton Parkway Phase 5A Segment 2 Roadway, Flyover Bridge, and Boundary Street Redevelopment. The source of funding follow: (i) Bluffton Parkway Phase 5, \$92,224.84, Account 47010012-54500, (ii) S.C. Highway 170, \$70,856.37, Account 47010014-54500, and (iii) Boundary Street /TIGER Grant Project, \$437.93, Account 47030011-54503. The vote: YEAS –Mr. Caporale, Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. NAYS – Mrs. Bensch. The motion passed.

Recommendation: Council authorize the payment of the SCDOT first through third quarter FY 2015 invoice total of \$163,519.14 for oversight services on County Sales Tax Projects: S.C. Highway 170 Widening, Bluffton Parkway Phase 5A Segment 2 Roadway, Flyover Bridge, and Boundary Street Redevelopment. The source of funding follow: (i) Bluffton Parkway Phase 5, \$92,224.84, Account 47010012-54500, (ii) S.C. Highway 170, \$70,856.37, Account 47010014-54500, and (iii) Boundary Street /TIGER Grant Project, \$437.93, Account 47030011-54503.

6. County Dirt Road Paving Requirements for Dirt Roads Without Right-of-Way Condemnation / Request for Shiney Road, St. Helena Island

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Rob McFee, Division-Director Facilities and Construction Engineering, presented this item to the Committee. Shiney Road is a County-maintained dirt road located on St. Helena Island. It runs in a southeasterly direction from Saxonville Road to Seaside Road. The Public Works Department maintained this 0.91 mile road for over 20 years. Shiney Road was selected for paving by the Beaufort County Transportation Committee for the FY 2013/2014 – FY 2016/2017 Dirt Road Paving Program. In accordance with Section 106.2797 of the Zoning and Development Standards Ordinance (ZDSO) and Policy Statement 17, the County should have a 50-foot right-of-way on any dirt road before it can be included in a paving contract.

Efforts to date to acquire right-of-way on Shiney Road include obtaining a cost for survey, initiating a survey agreement, performing the field survey, researching ownership, preparing letters and deeds, meeting with property owners on site, and answering property owners' questions by phone. The timeline associated with the right-of-way acquisition process has been 16 months.

Engineering has received 13 of the 23 deeds needed. Of the ten parcels for which deeds were not forthcoming, three are heirs' properties and 5 have non-responsive owners. On the remaining two parcels, only one of two owners returned a signed deed. Condemnation of these ten parcels would be necessary to obtain all of the required right-of-way. The Engineering and Public Works Departments are recommending that the remaining ten right-of-way parcels on Shiney Road be condemned.

Motion: It was moved by Mr. McBride, seconded by Mrs. Howard, that Committee approve and recommend to Council authorization of the condemnation of County dirt road paving requirements for dirt roads without right-of-way / request for Shiney Road, St. Helena Island. The vote: YEAS – Mrs. Bensch, Mr. Caporale, Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. The motion passed.

Recommendation: Council authorize the condemnation of County dirt road paving requirements for dirt roads without right-of-way / request for Shiney Road, St. Helena Island.

7. Request for Road Abandonment / Removal From County Road Maintenance / Melrose Landing, Daufuskie Island

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Rob McFee, Division-Director Facilities and Construction Engineering, presented this item to the Committee. Melrose Landing Road is a 0.18 mile road located on Daufuskie Island. The easternmost section of this road is unpaved and approximately 168' in length. The eastern terminus forms a T-intersection with Freeport Road. Although the County maintained the dirt portion of Melrose Landing Road for a number of years, it does not own the right-of-way, nor does it have an easement.

Cooper River Landings and Properties, Inc. owns the property on which the unpaved section of Melrose Landing Road is located. The owner has requested that the County cease maintaining, and abandon its interest, in this section of the road.

Staff believes this request to be in the best interests of the public for the following reasons: (1) Freeport Road can be accessed from a point just south of Melrose Landing Road. (2) The County does not own the right-of-way. (3) The County, nor citizen access, would be "harmed" by abandoning its tenuous interest in this 168' dirt section.

Motion: It was moved by Mr. Caporale, seconded by Mrs. Bensch, that Committee approve and recommend to Council the approval of the abandonment of Melrose Landing, Daufuskie Island from County road maintenance. The vote: YEAS – Mrs. Bensch, Mr. Caporale, Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. The motion passed.

Recommendation: Council approve the abandonment of Melrose Landing, Daufuskie Island from County road maintenance.

8. Request for Road Abandonment / Removal From County Road Maintenance / Yard Farm Road, St. Helena Island

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Rob McFee, Division-Director Facilities and Construction Engineering, presented this item to the Committee. Yard Farm Road is a dirt road located on St. Helena Island off of Sea Island Parkway. Public Works has maintained the 0.3 mile dirt road for more than 20 years. Yard Farm Road was rated for paving in the FY 2013/2014 – FY 2017/2018 Dirt Road Paving Program with an overall ranking of 36 out of 212 County dirt roads rated. There are seven property owners and six houses on Yard Farm Road.

In accordance with Section 106.2797 of the Zoning and Development Standards Ordinance (ZDSO) and Policy Statement 17, the County should have a deeded 50-foot right of way before the road can be advertised for paving construction improvements. The County does not own right of way or an easement on Yard Farm Road.

County Engineering started the right of way process by having Yard Farm Road surveyed. During the course of the field survey, several property owners contacted the County Engineering Department expressing their desire neither to have Yard Farm Road paved nor grant right of way for improvements. Additionally, Ralph Tupper, an attorney with Tupper, Grimsley & Dean, PA and a property owner on Yard Farm Road, emailed County Engineering and indicated that he would draft the appropriate documents for community maintenance of Yard Farm Road.

Considering these facts, the Beaufort County Legal, Engineering and Public Works Departments now recognize that Yard Farm Road must be designated as a private road and that the County performs no further work or maintenance on this road, unless otherwise directed by County Council.

Motion: It was moved by Mr. Caporale, seconded by Mrs. Bensch, that Committee approve and recommend to Council the abandonment of Yard Farm Road, St. Helena Island from County road maintenance pending receipt of maintenance documents from the property owners. The vote: YEAS – Mrs. Bensch, Mr. Caporale, Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. The motion passed.

Recommendation: Council approve the abandonment of Yard Farm Road, St. Helena Island from County road maintenance pending receipt of maintenance documents from the property owners.

9. Amendment to Memorandum of Understanding with the Town of Bluffton Re: Oyster Factory Park

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Josh Gruber, Deputy County Administrator/Special Counsel, reviewed this item with the Committee. The County purchased this piece of property through the Rural and Critical Lands Program identified as the Oyster Factory Park and consisted of an existing commercial oyster processing and restaurant facility as well as some adjacent property which was developed into a public recreational park and boat landing facility. The County entered into a Memorandum of Understanding with the Town of Bluffton (Town) whereby both the County and the Town would have joint use and management of that property. Over the course of performance of that agreement, it has become apparent that that is not necessarily the most efficient way to be able to interact with the public regarding the use and management of that site. We have been in discussion with the Town with regards to whether or not they would be willing to accept the responsibility for management and enforcement of the lease agreement that is in

place for the current commercial oyster factory building as well as the management and maintenance responsibilities for the adjacent park structure but, allowing for public use an opportunity of the park under the same or similar terms that exist today. Essentially, the amended agreement with the Town would eliminate the dual oversight and management responsibilities of this piece of property, vest those solely with Town with the understanding that should something happen in the future, that we might not necessarily agree with, we do have the opportunity within the agreement to terminate it, which will bring it back under the County's control.

Motion: It was moved by Mr. Vaux, seconded by Mr. Fobes, that Committee approve and recommend Council approve an amendment to the Oyster Park Factory Park Memorandum of Understanding between Beaufort County and Town of Bluffton. The vote: YEAS – Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. NAYS – Mrs. Bensch. ABSTAIN – Mr. Caporale. The motion passed.

Recommendation: Council approve an amendment to the Oyster Park Factory Park Memorandum of Understanding between Beaufort County and Town of Bluffton.

10. Memorandum of Understanding with Town of Bluffton Re: Calhoun Street Dock

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Josh Gruber, Deputy County Administrator/Special Counsel, reviewed this item with the Committee. The agreement is between the County and Town of Bluffton (Town) relative to the management of the Calhoun Street dock which is within the incorporated boundaries of the Town. There is not a current existing agreement for this particular facility; however, the agreement would essentially say this is County-owned property and management and use of the property would be turned over to the Town for their purposes and guidance.

Recommendation: It was moved by Mr. Vaux, seconded by Mr. McBride, that Committee approve and recommend Council approve an amendment to the Calhoun Street Dock Memorandum of Understanding between Beaufort County and Town of Bluffton. The vote: YEAS –Mr. Caporale, Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. NAYS – Mrs. Bensch. The motion passed.

Motion: Council approve an amendment to the Calhoun Street Dock Memorandum of Understanding between Beaufort County and Town of Bluffton.

11. Right-Of-Way Exchange for Beach Road, Daufuskie Island (Public Beach Access)

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Rob McFee, Division-Director Facilities and Construction Engineering, presented this item to the Committee. Beach Road is a 1.1 mile dirt road located near the southern end of Daufuskie Island. It has been maintained by the Public Works Department for more over 20 years.

Since February 2015, County Engineering staff have been working to acquire a County-owned 50' right-of-way for Beach Road. To date, 12 of 20 property owners have conveyed right-of-way to the County. One of the parcels from which right-of-way was not received, is R800 027 000 0020 0000. This property recently changed hands. The new owner, J & W Corporation of Greenwood, South Carolina, would like to grant the requested Beach Road right-of-way in exchange for a 0.17 acre right-of-way that the previous owner had granted to the County in 2003.

Staff recommends that the exchange be made because (1) the 0.17 acre right-of-way was acquired for only \$1.00, (2) the right-of-way is no longer needed, and (3) the exchange would save the expenses associated with right of way condemnation for Beach Road

Motion: It was moved by Mr. Fobes, seconded by Mrs. Howard, that Committee approve and recommend Council approve a right-of-way exchange for Beach Road, Daufuskie Island in order to provide public beach access. The vote: YEAS – Mrs. Bensch, Mr. Caporale, Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. The motion passed.

Recommendation: Council approve a right-of-way exchange for Beach Road, Daufuskie Island in order to provide public beach access.

12. Resolution Designating Lowcountry Regional Transportation Authority (LRTA) a Recipient for Federal Administration Transit Funding

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Colin Kinton, Division-Diretor Transportation Engineer, explained that in order to receive Federal monies for public transportation, each participating local government in the urbanized area and the Policy Board of the Metropolitan Planning Organization must designate a transportation entity to apply for and receive Federal monies to be used by their organization to promote regional transportation.

Motion: It was moved by Mr. McBride, seconded by Mr. Fobes, that Committee approve and recommend to Council adoption of a resolution authorizing the filing of applications with the Federal Transit Administration, an operating administration of the United States Department of Transportation, for federal transportation assistance authorized by 49 U.S.C. Chapter 53; Title 23, United States Code, or other federal statutes administered by the Federal Transit Administration (designating Lowcountry Regional Transportation Authority (LRTA) a recipient for federal transit administration funding). The vote: YEAS – Mrs. Bensch, Mr. Caporale, Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. The motion passed.

Recommendation: Council adopt a resolution authorizing the filing of applications with the Federal Transit Administration, an operating administration of the United States Department of Transportation, for federal transportation assistance authorized by 49 U.S.C. Chapter 53; Title 23, United States Code, or other federal statutes administered by the Federal Transit Administration (designating Lowcountry Regional Transportation Authority (LRTA) a recipient for federal transit administration funding).

13. An Ordinance to Authorize the County Administrator to Execute a Quit Claim Deed for the Mary Fields School and Associated Property on Daufuskie Island to the Union Baptist Church

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Josh Gruber, Deputy County Administrator/Special Counsel, presented this item to the Committee. This item comes forward from a request from the Union Baptist Church, which is located on Daufuskie Island, to assist them in getting the Mary Fields School property tax bill listed in their name. We have a lease agreement with the Church to use that facility for broadcasting Council meetings. The title work on that property is very convoluted and, it is not technically clear. At present the property is listed in the County's name and, the County has no interest in this property whatsoever. As far as staff can tell, the property was owned at one point in time by the School District and looked to get rid of it. For whatever reason, it wound up in the name of the County and has been ever since. Since there are no records justifying transferring it into the Church's name, we have consulted with the Assessor and, by recording this quit claim deed, it would give him the ability to transfer the tax bill into the Church's name.

Motion: It was moved by Mr. Vaux, seconded by Mr. Fobes, that Committee approve and recommend to Council approval on first reading an ordinance authorizing the County Administrator to execute a quit claim deed for the Mary Fields School and associated property on Daufuskie Island to the First Union African Baptist Church. The vote: YEAS – Mrs. Bensch, Mr. Caporale, Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. The motion passed.

Recommendation: Council approve on first reading an ordinance authorizing the County Administrator to execute a quit claim deed for the Mary Fields School and associated property on Daufuskie Island to the First Union African Baptist Church.

INFORMATION ITEMS

14. Consideration of Contract Award (< \$100,000)

Engineering Design Services for Replacement of Various HVAC

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Dave Thomas, Purchasing Director, presented this item to the Committee. On March 6, 2015, Beaufort County received qualification statements from eight engineering firms qualified to provide the HVAC design and replacement services for the ten locations identified in the Request for Qualifications (RFQ). The project involves the mechanical, electrical and plumbing designs for ten separate HVAC renovation projects. The services shall consist of construction documents, bidding assistance, construction administration and closeout. A selection committee composed of the Director of Facilities, Assistant Director of Facilities, and the Building Codes Director were tasked with evaluating and selecting the highest ranking firms based on qualifications and to negotiate a contract. The committee interviewed the top four firms and could not reach a contract agreement with CEMS and moved to RMF Engineering, the next highest ranked firm. The committee negotiated with RMF Engineering a final fee for services of \$85,200 plus a 10% contingency to cover unforeseen conditions for a total cost of \$93,720. The source of funding is Account 40090011-54431, 2014 General Obligation Bonds.

Motion: It was moved by Mr. Fobes, seconded by Mr. Vaux, that Committee award a contract to RMF Engineering, Charleston, South Carolina in the amount of \$85,200, with a contingency of \$8,200 for a total \$93,720 to provide engineering design services for the replacement of ten HVAC systems. The source of funding is Account 40090011-54431, 2014 General Obligation Bonds. The vote: YEAS – Mrs. Bensch, Mr. Caporale, Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. The motion passed.

Status: Committee awarded a contract to RMF Engineering, Charleston, South Carolina in the amount of \$85,200, with a contingency of \$8,200 for a total \$93,720 to provide engineering design services for the replacement of ten HVAC systems. The source of funding is Account 40090011-54431, 2014 General Obligation Bonds.

15. S.C. Highway 170 Widening Project (< \$100,000)

May 2015 Construction Engineering Inspection / Construction Management

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Rob McFee, Division-Director Facilities and Construction Engineering, presented this item to the Committee. In 2012, County Council awarded a contract for \$2,030,714 to Infrastructure Consulting & Engineering (ICE) for construction engineering inspection / construction management services (CEI/CM) for the S.C. Highway 170 Widening Project. Due to the construction delays associated with the S.C. Highway 170 project, the CEI/CM services needed to be extended. For the month of May 2015, ICE had CEI/CM service charges for the S.C. Highway 170 widening totaling \$60,796.93. County Engineering Department staff has reviewed these charges and recommend payment. The source of funding is S.C. Highway 170 Widening Sales Tax Project, Account 47010014-54500. All CEI/CM services are reimbursable from the SCSIB Grant for this project.

Motion: It was moved by Mr. Fobes, seconded by Mr. Caporale, that Committee authorize payment of the May 2015 invoice totaling \$66,796.93 to Construction Engineering Inspection/Construction Management Services for work performed by Infrastructure Consulting & Engineering for the S.C. Highway 170 Widening Project. The source of funding is S.C. Highway 170 Widening Sales Tax Project, Account 47010014-54500. All CEI/CM services are reimbursable from the SCSIB Grant for this project. The vote: YEAS - Mr. Caporale, Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. NAYS – Mrs. Bensch. The motion passed.

Status: Committee authorized payment of the May 2015 invoice totaling \$66,796.93 to Construction Engineering Inspection/Construction Management Services for work performed by Infrastructure Consulting & Engineering for the S.C. Highway 170 Widening Project. The source of funding is S.C. Highway 170 Widening Sales Tax Project, Account 47010014-54500. All CEI/CM services are reimbursable from the SCSIB Grant for this project.

16. S.C. Highway 170 Widening Project (< \$100,000)

June 2015 Construction Engineering Inspection / Construction Management

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Rob McFee, Division-Director Facilities and Construction Engineering, presented this item to the Committee. In 2012, County Council awarded a contract for \$2,030,714 to Infrastructure Consulting & Engineering (ICE) for construction engineering inspection / construction management services (CEI/CM) for the SC 170 Widening Project. Due to the construction delays associated with the SC 170 project, the CEI/CM services needed to be extended. For the month of June 2015, ICE had CEI/CM service charges for the S.C. Highway

170 widening totaling \$66,728.49. County Engineering Department staff has reviewed these charges and recommend payment. The source of funding is S.C. Highway 170 Widening Sales Tax Project, Account 47010014-54500. All CEI/CM services are reimbursable from the SCSIB Grant for this project.

Motion: It was moved by Mr. Fobes, seconded by Mr. Caporale, that Committee authorize payment of the June 2015 invoice totaling \$66,728.49 to Construction Engineering Inspection/Construction Management Services for work performed by Infrastructure Consulting & Engineering for the S.C. Highway 170 Widening Project. The source of funding is S.C. Highway 170 Widening Sales Tax Project, Account 47010014-54500. All CEI/CM services are reimbursable from the SCSIB Grant for this project. The vote: YEAS - Mr. Caporale, Mr. Dawson, Mr. Fobes, Mrs. Howard, Mr. McBride and Mr. Vaux. NAYS – Mrs. Bensch. The motion passed.

Status: Committee authorized payment of the June 2015 invoice totaling \$66,728.49 to Construction Engineering Inspection/Construction Management Services for work performed by Infrastructure Consulting & Engineering for the S.C. Highway 170 Widening Project. The source of funding is S.C. Highway 170 Widening Sales Tax Project, Account 47010014-54500. All CEI/CM services are reimbursable from the SCSIB Grant for this project.

17. Daufuskie Island Park

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Status: The County's request to have the Daufuskie Island Park trail/restroom grant extended for an additional twelve month period has been accepted and approved by the South Carolina Department of Parks, Recreation and Tourism. With the receipt of this information, we will be moving forward and obtaining design engineering services to create a set of plans and drawings that can be utilized by contractors to resolve any remaining ambiguities that may be associated with this project for the next round of public bidding.

18. Discussion / Use of Butches Island Boat Ramp by SCDOT Design Consultants for the Purpose of Geotechnical Field Work for the Replacement of the Harbor River Bridge

Notification: To view video of full discussion of this meeting please visit http://beaufort.granicus.com/ViewPublisher.php?view_id=2

Discussion: Mr. Rob McFee, Division-Director Facilities and Construction Engineering, presented this item to the Committee. SCDOT has requested use of the Butches Island boat ramp for Harbor River bridge replacement design work.

Status: Information only.

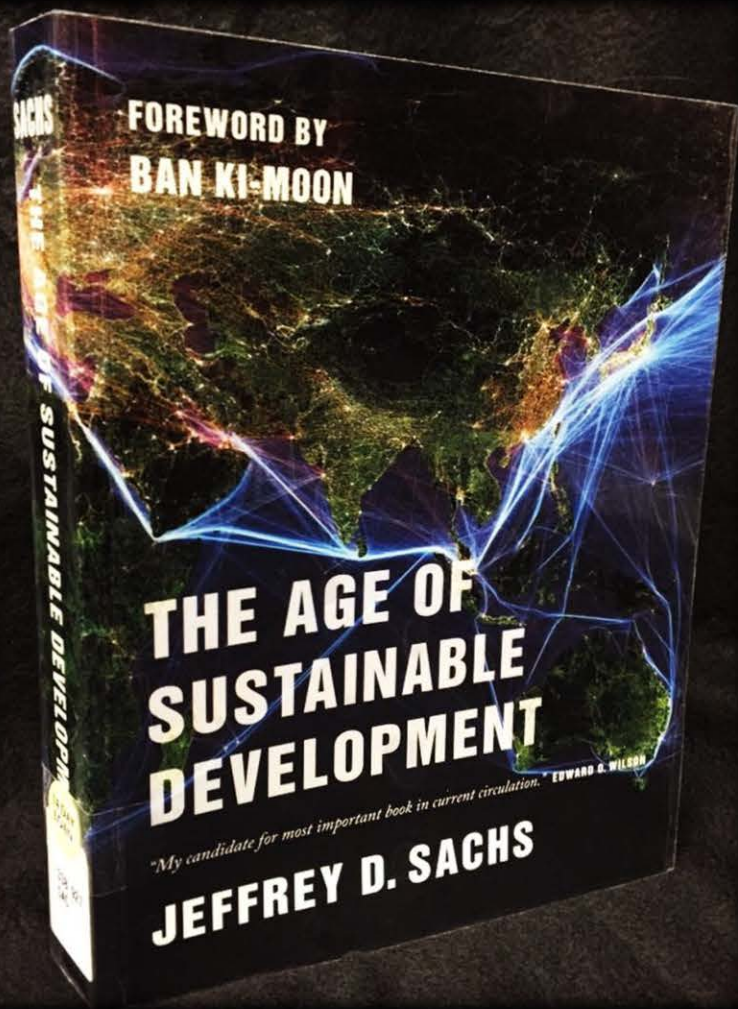
BOARDS AND COMMISSIONS

Reappointments and Appointments September 14, 2015

1. Finance Committee

① Airports Board

NominateD	Name	Position/Area/Expertise	Reappoint/Appoint	Votes Required	Term/Years	Expiration
08.24.15	Gerald Costa	Active Pilot / Recently Retired Commercial Pilot	Appoint	6/11	2 (partial-term)	2/17
08.24.15	Blakely Williams	Beaufort Chamber of Commerce	Appoint	6/11	2 (partial-term)	2/17

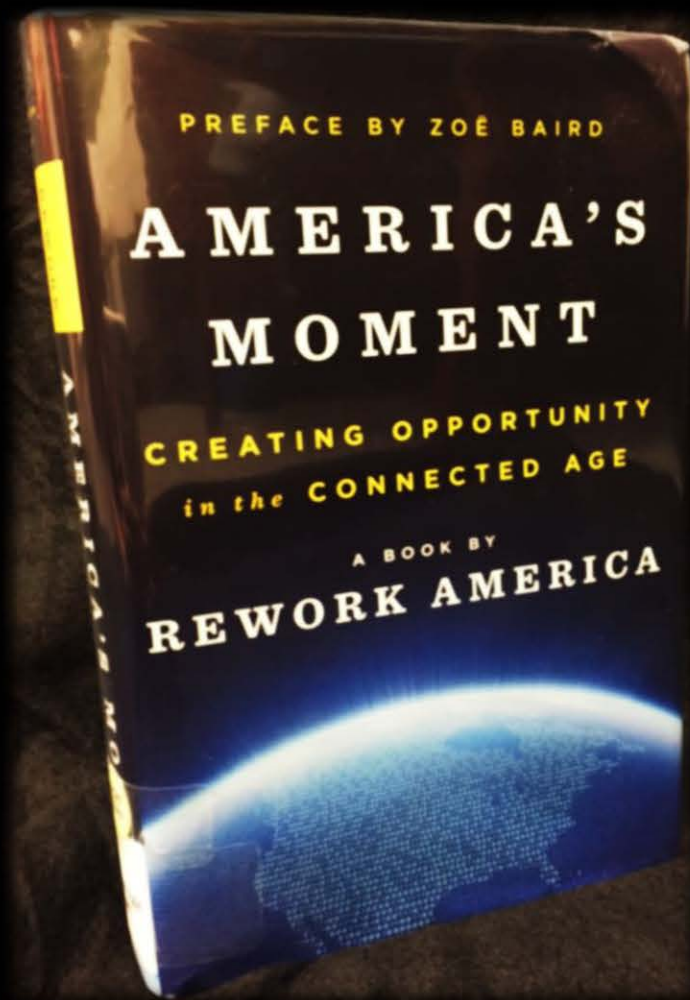


THIS RECOGNITION EMBLEM IS PLACED
IN THIS BOOK IN APPRECIATION
OF EFFORTS TO SECURE
RURAL DEVELOPMENT ACT FUNDS
FOR COUNTY PROJECTS



James Baker

Senior Vice President
Marketing and Public Relations
Palmetto Electric Cooperative



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FOR COUNTY PROJECTS



Jan Baxter

Manager, Community/Economic Development
Palmetto Electric Cooperative

2015 /

AN ORDINANCE TO AMEND THE STORMWATER MANAGEMENT UTILITY ORDINANCE AS ADOPTED AUGUST 22, 2005 TO PROVIDE FOR AMENDMENT OF THE RATE STRUCTURE, ADJUST UTILITY RATES, AND TO MODIFY CERTAIN TERMS TO ACCURATELY REFLECT ADMINISTRATION STRUCTURE

WHEREAS, Act 283 of 1975, The Home Rule Act, vested Beaufort County Council with the independent authority to control all acts and powers of local governmental authority that are not expressly prohibited by South Carolina law; and

WHEREAS, Chapter 99, Article II, "Stormwater Management Utility" was adopted on August 27, 2001 and was modified by ordinance on August 22, 2005; and

WHEREAS, Stormwater Management Utility was established for the purpose of managing, acquiring, constructing, protecting, operating, maintaining, enhancing, controlling, and regulating the use of stormwater drainage systems in the county; and

WHEREAS, to meet the increasing demands on the Stormwater Management Utility in the areas of federally mandated municipal Separate Stormsewer Systems (MS4) permitting, capital project needs, and cost of service of operations and maintenance, as well as an evolving understanding of the impacts of the urban environment on water quality, the Stormwater Management Utility finds it necessary to amend the structure in which rates are determined and adjust the rates charged to the citizens of Beaufort County to meet said demands in a fair and equitable manner; and

WHEREAS, the administrative structure of the Stormwater Management Utility needs to be amended to reflect the organization of the current administration; and

WHEREAS, Beaufort County Council believes to best provide for the health, safety, and welfare of its citizens it is appropriate to amend Chapter 99, Article II of the Beaufort County Code and to provide for additional terms to said Article; and

WHEREAS, text that is underscored shall be added text and text ~~lined through~~ shall be deleted text.

NOW, THEREFORE, BE IT ORDAINED BY BEAUFORT COUNTY COUNCIL, that Chapter 99, Article II of the Beaufort County Code is hereby amended and replaced with the following:

Chapter 99 - STORMWATER MANAGEMENT UTILITY

ARTICLE I. - IN GENERAL

Secs. 99-1—99-100. - Reserved.

ARTICLE II. - STORMWATER MANAGEMENT UTILITY

Sec. 99-101. - Findings of fact.

The County Council of Beaufort County, South Carolina, makes the following findings of fact:

- (a) The professional engineering and financial analyses conducted on behalf of and submitted to the county properly assesses and defines the stormwater management problems, needs, goals, program priorities, costs of service, need for interlocal cooperation, and funding opportunities of the county.
- (b) Given the problems, needs, goals, program priorities, costs of service, needs for interlocal cooperation, and funding opportunities identified in the professional engineering and financial analyses submitted to the county, it is appropriate to authorize the establishment of a separate enterprise accounting unit which shall be dedicated specifically to the management, construction, maintenance, protection, control, regulation, use, and enhancement of stormwater systems and programs in Beaufort County in concert with other water resource management programs.
- (c) Stormwater management is applicable and needed throughout the unincorporated portions of Beaufort County, but interlocal cooperation between the county and the incorporated cities and towns within the county is also essential to the efficient provision of stormwater programs, services, systems, and facilities. Intense urban development in some portions of the county has radically altered the natural hydrology of the area and the hydraulics of stormwater systems, with many natural elements having been replaced or augmented by man-made facilities. Other areas of the county remain very rural in character, with natural stormwater systems predominating except along roads where ditches and culverts have been installed. As a result, the specific program, service, system, and facility demands differ from area to area in the county. While the county manages, operates, and improves stormwater programs, services, systems and facilities in the rural as well as urban areas, the need for improved stormwater management is greatest in the urban areas and nearby, including areas within incorporated cities and towns. Therefore, a stormwater utility service area subject to stormwater service fees should encompass, in so far as possible through interlocal agreements, the entirety of Beaufort County and the stormwater management utility service fee rate structure should reflect the amount of impervious area on individual properties and the runoff impact from water quantity and water quality.
- (d) The stormwater needs in Beaufort County include but are not limited to protecting the public health, safety, and welfare. Provision of stormwater management programs, services, systems, and facilities therefore renders and/or results in both service and benefit to individual properties, property owners, citizens, and residents of the county and to properties, property owners, citizens, and residents of the county concurrently in a variety of ways as identified in the professional engineering and financial analyses.
- (e) The service and benefit rendered or resulting from the provision of stormwater management programs, services, systems, and facilities may differ over time depending on many factors and considerations, including but not limited to location, demands and impacts imposed on the stormwater programs, systems, and facilities, and risk exposure. It is not practical to allocate the cost of the county's stormwater management programs, services, systems, and facilities in direct and precise relationship to the services or benefits rendered to or received by individual properties or persons over a brief span of time, but it is both practical and equitable to allocate the cost of stormwater management among properties and persons in proportion to the long-term demands they impose on the county's stormwater programs, services, systems, and facilities which render or result in services and benefits.

- (f) Beaufort County presently owns and operates stormwater management systems and facilities that have been developed, installed, and acquired through various mechanisms over many years. The future usefulness and value of the existing stormwater systems and facilities owned and operated by Beaufort County, and of future additions and improvements thereto, rests on the ability of the county to effectively manage, construct, protect, operate, maintain, control, regulate, use, and enhance the stormwater systems and facilities in the county, in concert with the management of other water resources in the county and in cooperation with the incorporated cities and towns. In order to do so, the county must have adequate and stable funding for its stormwater management program operating and capital investment needs.
- (g) The county council finds, concludes, and determines that a stormwater management utility provides the most practical and appropriate means of properly delivering stormwater management services and benefits throughout the county, and the most equitable means to fund stormwater services in the county through stormwater service fees and other mechanisms as described in the professional engineering and financial analyses prepared for the county.
- (h) The county council finds, concludes, and determines that a schedule of stormwater utility service fees be levied upon and collected from the owners of all lots, parcels of real estate, and buildings that discharge stormwater or subsurface waters, directly or indirectly, to the county stormwater management system and that the proceeds of such charges so derived be used for the stormwater management system.
- (i) The county council finds that adjustments and credits against stormwater utility service fees are an appropriate means to grant properties providing stormwater management program services that would otherwise be provided by the county and will afford Beaufort County cost savings. These reductions will be developed by the ~~Beaufort County engineer~~ Stormwater Manager and will be reviewed on an annual basis to allow for any modifications to practices required by Beaufort County.

~~The county council finds that both the total gross area and impervious area on each property are the most important factors influencing the cost of stormwater management in Beaufort County and, the runoff impact from water quantity and water quality. In determining the basis for a stormwater management utility fee, the county council finds that it is appropriate to remove the amount of land area on each property that is designated as river or marsh as these areas are vital portions of the county's stormwater management program.~~

Sec. 99-102. - Establishment of a stormwater management utility and a utility enterprise fund.

There is hereby established within the ~~Public Works Department~~ Environmental Engineering Division of Beaufort County a stormwater management utility for the purpose of conducting the county's stormwater management program. The county administrator shall establish and maintain a stormwater management utility enterprise fund in the county budget and accounting system, which shall be and remain separate from other funds. All revenues of the utility shall be placed into the stormwater management utility enterprise fund and all expenses of the utility shall be paid from the fund, except that other revenues, receipts, and resources not accounted for in the stormwater management utility enterprise fund may be applied to stormwater management programs, services, systems, and facilities as deemed appropriate by the Beaufort County Council. The county administrator may designate within the stormwater management utility enterprise fund such sub-units as necessary for the purpose of accounting for the geographical generation of revenues and allocation of

expenditures pursuant to interlocal governmental agreements with the cities and towns of Beaufort County.

Sec. 99-103. - Purpose and responsibility of the utility.

The Beaufort County Stormwater Management Utility is established for the purpose of managing, acquiring, constructing, protecting, operating, maintaining, enhancing, controlling, and regulating the use of stormwater drainage systems in the county. The utility shall, on behalf of the county and the citizens of the county: administer the stormwater management program; perform studies and analyses as required; collect service fees; system development fees, in-lieu of construction fees and other funding as allowed by law, and obtain and administer grants and loans as authorized by the county council; prepare capital improvement plans and designs; perform routine maintenance and remedial repair of the stormwater systems; acquire, construct, and improve stormwater systems; acquire necessary lands, easements, rights-of-way, rights-of-entry and use, and other means of access to properties to perform its duties; regulate the on-site control, conveyance, and discharge of stormwater from properties; obtain federal and state permits required to carry out its purpose; enter into operating agreements with other agencies; allocate funds pursuant to interlocal governmental agreements; educate and inform the public about stormwater management; and perform, without limitation except by law, any stormwater management functions and activities necessary to ensure the public safety, protect private and public properties and habitat, and enhance the natural environment and waters of the county.

Sec. 99-104. - Limitation of scope of responsibility.

The purpose and responsibility of the stormwater management utility shall be limited by the following legal and practical considerations.

- (a) Beaufort County owns or has legal access for purposes of operation, maintenance, and improvement only to those stormwater systems and facilities which:
 - (1) Are located within public streets, other rights-of-way, and easements;
 - (2) Are subject to easements, rights-of-entry, rights-of-access, rights-of-use, or other permanent provisions for adequate access for operation, maintenance, monitoring, and/or improvement of systems and facilities; or
 - (3) Are located on public lands to which the county has adequate access for operation, maintenance, and/or improvement of systems and facilities.
- (b) Operation, maintenance, and/or improvement of stormwater systems and facilities which are located on private property or public property not owned by Beaufort County and for which there has been no public dedication of such systems and facilities for operation, maintenance, monitoring, and/or improvement of the systems and facilities shall be and remain the legal responsibility of the property owner, except as that responsibility may be otherwise affected by the laws of the State of South Carolina and the United States of America.
- (c) It is the express intent of this article to protect the public health, safety, and welfare of all properties and persons in general, but not to create any special duty or relationship with any individual person or to any specific property within or outside the boundaries of the county. Beaufort County expressly reserves the right to assert all available immunities and defenses in any action seeking to impose monetary damages upon the county, its officers, employees and agents arising out of any alleged failure or breach of duty or relationship as may now exist or hereafter be created.

- (d) To the extent any permit, plan approval, inspection or similar act is required by the county as a condition precedent to any activity or change upon property not owned by the county, pursuant to this or any other regulatory ordinance, regulation, or rule of the county or under federal or state law, the issuance of such permit, plan approval, or inspection shall not be deemed to constitute a warranty, express or implied, nor shall it afford the basis for any action, including any action based on failure to permit or negligent issuance of a permit, seeking the imposition of money damages against the county, its officers, employees, or agents.

Sec. 99-105. - Boundaries and jurisdiction.

The boundaries and jurisdiction of the stormwater management utility shall encompass all those portions of unincorporated Beaufort County, as they may exist from time to time and such additional areas lying inside the corporate limits of those cities and towns in Beaufort County as shall be subject to interlocal agreements for stormwater management as approved by county council and participating municipal councils.

Sec. 99-106. - Definitions.

Unless the context specifically indicates otherwise, the meaning of words and terms used in this article shall be as set forth in S.C. Code § 48-14-20, and 26 S.C. Code Regulation 72-301, mutatis mutandis.

Abatement. Any action deemed necessary by the county or its officers or agents to remedy, correct, control, or eliminate a condition within, associated with, or impacting a stormwater drainage system or the water quality of receiving waters shall be deemed an abatement action.

Adjustments. Adjustments shall mean a change in the amount of a stormwater service fee predicated upon the determination reached by the ~~Beaufort County engineer~~ Stormwater Manager and referenced to the Adjustments and Credit Manual.

Bill Class. Every property falls into one of several bill classes. The bill class determines the fee calculation of that property.

Countywide Infrastructure Operation and Maintenance and Capital Projects. The County maintains some typically larger infrastructure within each of the four municipalities in addition to within the unincorporated area. The rate structure will allocate the costs for the County to maintain just the countywide drainage infrastructure across the entire rate base in all jurisdictions based on infrastructure linear feet per jurisdiction.

Customers of the stormwater management utility. Customers of the stormwater management utility shall be broadly defined to include all persons, properties, and entities served by and/or benefiting, directly and indirectly, from the utility's acquisition, management, construction, improvement, operation, maintenance, extension, and enhancement of the stormwater management programs, services, systems, and facilities in the county, and by its control and regulation of public and private stormwater systems, facilities, and activities related thereto.

Developed land. Developed land shall mean property altered from its natural state by construction or installation of improvements such as buildings, structures, or other impervious surfaces, or by other alteration of the property that results in a meaningful change in the hydrology of the property during and following rainfall events.

Exemption. Exemption shall mean not applying to or removing the application of the stormwater management utility service fee from a property. No permanent exemption shall be granted based on taxable or non-taxable status or economic status of the property owner.

Fixed costs. Costs associated with the public service provided equally to each property owner. These costs include, but are not limited to the following: billing and collections, data management and updating, programming, and customer support.

Gross Area. Gross area is the acreage of a parcel as identified by the Beaufort County Assessor records.

Hydrologic response. The hydrologic response of a property is the manner whereby stormwater collects, remains, infiltrates, and is conveyed from a property. It is dependent on several factors including but not limited to the size and overall intensity of development of each property, its impervious area, shape, topographic, vegetative, and geologic conditions, antecedent moisture conditions, and groundwater conditions and the nature of precipitation events. Extremely large undeveloped properties naturally attenuate but do not eliminate entirely the discharge of stormwater during and following rainfall events.

Jurisdictional Infrastructure Operations, Maintenance and Capital Projects. Each of the five jurisdictions maintains its own stormwater drainage infrastructure and funds those costs from utility revenue. Revenue from this fee component will be returned to the service provider, the individual jurisdiction.

Impervious surfaces. Impervious surfaces shall be a consideration in the determination of the development intensity factor. Impervious surfaces are those areas that prevent or impede the infiltration of stormwater into the soil as it entered in natural conditions prior to development. Common impervious surfaces include, but are not limited to, rooftops, sidewalks, walkways, patio areas, driveways, parking lots, storage areas, compacted gravel and soil surfaces, awnings and other fabric or plastic coverings, and other surfaces that prevent or impede the natural infiltration of stormwater runoff that existed prior to development.

Minimum Charge. A charge that reflects the minimum amount of demand a property will place on the service provider.

MS4 Permit. Each jurisdiction within Beaufort County will be subject to the federally mandated MS4 permit requirements. Compliance requirements include, but are not limited to monitoring, plan review, inspections, outreach and public education.

Nonresidential properties. Properties developed for uses other than permanent residential dwelling units and designated by the assigned land use code in the Beaufort County tax data system.

Other developed lands. Other developed lands shall mean, but not be limited to, mobile home parks, commercial and office buildings, public buildings and structures, industrial and manufacturing buildings, storage buildings and storage areas covered with impervious surfaces, parking lots, parks, recreation properties, public and private schools and universities, research facilities and stations, hospitals and convalescent centers, airports, agricultural uses covered by impervious surfaces, water and wastewater treatment plants, and lands in other uses which alter the hydrology of the property from that which would exist in a natural state. Properties that are used for other than single family residential use shall be deemed other developed lands for the purpose of calculating stormwater service fees.

Residential dwelling classifications. The following categories will identify the appropriate dwelling unit classifications to be utilized in applying the stormwater utility fee structure to the designations contained in the Beaufort County tax data system:

Single-family

Apartments

Townhouses

Condominiums

Mobile Home

~~Mobile home parks~~

~~Mobile home lots~~

~~River areas. River areas shall be those areas of Beaufort County that have been delineated as rivers on the most current digital mapping on file in the Beaufort County Engineering Department. Where applicable, these areas shall be deducted from a property's total land area in determining its stormwater service fee.~~

Stormwater management programs, services, systems and facilities. Stormwater management programs, services, systems and facilities are those administrative, engineering, operational, regulatory, and capital improvement activities and functions performed in the course of managing the stormwater systems of the county, plus all other activities and functions necessary to support the provision of such programs and services. Stormwater management systems and facilities are those natural and man-made channels, swales, ditches, swamps, rivers, streams, creeks, branches, reservoirs, ponds, drainage ways, inlets, catch basins, pipes, head walls, storm sewers, lakes, and other physical works, properties, and improvements which transfer, control, convey or otherwise influence the movement of stormwater runoff and its discharge to and impact upon receiving waters.

Stormwater service fees. Stormwater service fees shall mean the service fee imposed pursuant to this article for the purpose of funding costs related to stormwater programs, services, systems, and facilities. These fees will be calculated based upon the ~~residential category for a parcel and/or the nonresidential parcel's impervious area, and/or the vacant/undeveloped land category.~~ impervious and gross area at an 80/20 allocation; storm water service fee categories; any State agricultural exemptions or caps; an account administrative fee, countywide jurisdiction operation maintenance and capital project fees; and jurisdictional operation, maintenance and capital project fee.

~~Stormwater service fee;~~ sSingle-family unit (SFU). The single-family unit shall be defined as the impervious area measurements obtained from a statistically representative sample of all detached single-family structures within Beaufort County. The representative value will be 4,906 square feet.

Stormwater service fee categories. The appropriate categories for determining SFUs will be as follows:

	SFU Calculation (SFUs equal)
<u>Tier 1</u> Single-family <u>Unit</u> (<=2,521 square feet)	Dwelling units x 0.5
<u>Tier 2</u> Single-family <u>Unit</u> (2,522 to 7,265 square feet)	Dwelling units x 1
<u>Tier 3</u> Single-family <u>Unit</u> (>=7,266 square feet)	Dwelling units x 1.5
<u>Mobile Home</u>	<u>Dwelling units x 0.36</u>
Apartments	Dwelling units x 0.39
Townhouses	Dwelling units x 0.60
Condominiums	Dwelling units x 0.27
Mobile home parks	Dwelling units x 0.36
Mobile home lots	Dwelling units x 0.59
Nonresidential <u>Commercial</u>	Impervious area x 4,906 sq. ft.*
Residential/nonresidential vacant	Parcel area x SFU corrected factor

*Commercial billed at a rate of 1 SFU per 4,906 square feet or a portion thereof

~~Vacant/undeveloped land. All parcels containing no impervious area and not being defined as exempt will have the corrected SFUs calculated for the following property classification system (PCS) codes:~~

~~PCS 29~~

~~PCS 33~~

~~PCS 91~~

~~PCS 92~~

~~PCS 99~~

~~PCS 81~~

~~PCS 82~~

~~PCS 83~~

~~PCS 84~~

~~PCS 89~~

~~PCS 74~~

~~PCS 76~~

~~Appropriate residential PCS category~~

Variable Costs. An impervious and gross area rate structure that allocates some cost to each of the two variables based on the amount of impervious surface and gross area.

Sec. 99-107. - Requirements for on-site stormwater systems: enforcement, methods and inspections.

- (a) All property owners and developers of real property to be developed within the unincorporated portions of Beaufort County shall provide, manage, maintain, and operate on-site stormwater systems and facilities sufficient to collect, convey, detain, control, and discharge stormwater in a safe manner consistent with all county development regulations and the laws of the State of South Carolina and the United States of America, except in cases when the property is located within an incorporated city or town subject to an interlocal governmental agreement with the county for stormwater management and the city or town has regulations that are more stringent than the county, in which case the city's or town's development regulations shall apply. Any failure to meet this obligation shall constitute a nuisance and be subject to an abatement action filed by the county in a court of competent jurisdiction. In the event a public nuisance is found by the court to exist, which the owner fails to properly abate within such reasonable time as allowed by the court, the county may enter upon the property and cause such work as is reasonably necessary to be performed, with the actual cost thereof charged to the owner in the same manner as a stormwater service fee as provided for in this article.
- (b) In the event that the county shall file an action pursuant to subsection 99-107(a), from the date of filing such action the county shall have all rights of judgment and collection through a court of competent jurisdiction as may be perfected by action.
- (c) The county shall have the right, pursuant to the authority of this article, for its designated officers and employees to enter upon private property and public property owned by other than the county, upon reasonable notice to the owner thereof, to inspect the property and conduct surveys and engineering tests thereon in order to assure compliance with any order or judgment entered pursuant to this section.

Sec. 99-108. - General funding policy.

- (a) It shall be the policy of Beaufort County that funding for the stormwater management utility program, services, systems, and facilities shall be equitably derived through methods which have a demonstrable relationship to the varied demands and impacts imposed on the stormwater program, services, systems, and facilities by individual properties or persons and/or the level of

service rendered by or resulting from the provision of stormwater programs, systems and facilities. Stormwater service fee rates shall be structured so as to be fair and reasonable, and the resultant service fees shall bear a substantial relationship to the cost of providing services and facilities throughout the county. Similarly situated properties shall be charged similar rentals, rates, fees, or licenses. Service fee rates shall be structured to be consistent in their application and shall be coordinated with the use of any other funding methods employed for stormwater management within the county, whether wholly or partially within the unincorporated portions of the county or within the cities and towns. Plan review and inspection fees, special fees for services, fees in-lieu of regulatory requirements, impact fees, system development fees, special assessments, general obligation and revenue bonding, and other funding methods and mechanisms available to the county may be used in concert with stormwater service fees and shall be coordinated with such fees in their application to ensure a fair and reasonable service fee rate structure and overall allocation of the cost of services and facilities.

- (b) The cost of stormwater management programs, systems, and facilities subject to stormwater service fees may include operating, capital investment, and non-operating expenses, prudent operational and emergency reserve expenses, and stormwater quality as well as stormwater quantity management programs, needs, and requirements.
- (c) To the extent practicable, adjustments to the stormwater service fees will be calculated by the Beaufort County ~~engineer~~ Stormwater Manager in accordance with the standards and procedures adopted by the ~~engineer's~~ Stormwater Manager's office.
- (d) The stormwater service fee rate may be determined and modified from time to time by the Beaufort County Council so that the total revenue generated by said fees and any other sources of revenues or other resources allocated to stormwater management by the county council to the stormwater management utility shall be sufficient to meet the cost of stormwater management services, systems, and facilities, including, but not limited to, the payment of principle and interest on debt obligations, operating expense, capital outlays, nonoperating expense, provisions for prudent reserves, and other costs as deemed appropriate by the county council.

Beaufort County service fee rate will be based on impervious and gross area at an 80/20 allocation; storm water service fee categories; any State agricultural exemptions or caps; an account administrative fee, countywide jurisdiction operation maintenance and jurisdictional operation, maintenance and capital project fee. The rates are set by the Beaufort County Stormwater Rate Study adopted August 24, 2015.

The gross area charge is calculated in equivalent units as follows:

<u>First 2 acres</u>	<u>\$X per acre</u>
<u>For every acres above 2 acres and up to 10 acres</u>	<u>0.5 x \$X</u>
<u>For every acre above 10 acres, and up to 100 acres</u>	<u>0.4 x \$X</u>
<u>For every acre above 100 acres</u>	<u>0.3 x \$X</u>

Each municipal jurisdiction may have a different fee predicated upon the ~~individual~~ municipal jurisdiction's revenue needs. The ~~following~~ stormwater service fee rates shall ~~apply~~ be adopted by

the municipal jurisdictions and may be amended from time to time by the individual governing body.

Jurisdiction	Annual Stormwater Service Fee (\$/SFU/year)
City of Beaufort	\$65.00
Town of Bluffton	-98.00
Town of Hilton Head Island	108.70
Town of Port Royal	-50.00
Unincorporated Beaufort County	-50.00

Sec. 99-109. - Exemptions and credits applicable to stormwater service fees.

Except as provided in this section, no public or private property shall be exempt from stormwater utility service fees. No exemption, credit, offset, or other reduction in stormwater service fees shall be granted based on the age, tax, or economic status, race, or religion of the customer, or other condition unrelated to the stormwater management utility's cost of providing stormwater programs, services, systems, and facilities. A stormwater management utility service fee credit manual shall be prepared by the ~~county engineer~~ Stormwater Manager specifying the design and performance standards of on-site stormwater services, systems, facilities, and activities that qualify for application of a service fee credit, and how such credits shall be calculated.

(a) Credits. The following types of credits against stormwater service fees shall be available:

- (1) Freshwater wetlands. All properties except those classified as detached single-family dwelling units may receive a credit against the stormwater service fee applicable to the property based on granting and dedicating a perpetual conservation easement on those portions of the property that are classified as freshwater wetlands and as detailed in the stormwater management utility service fee credit manual. The conservation easement shall remove that portion of the subject property from any future development. ~~Once this credit has been granted to a particular property, that portion of the property will be treated similar to the river and marsh areas and shall be deducted from the property's total land area in computing its stormwater service fee. This credit shall remain in effect as long as the conditions of the conservation easement are met.~~
- (2) Those properties that apply for consideration of an adjustment shall satisfy the requirements established by the Beaufort County ~~engineer~~ Stormwater Manager and approved reduced stormwater service fee.

(b) Exemptions. The following exemptions from the stormwater service fees shall be allowed:

- (1) Improved public road rights-of-way that have been conveyed to and accepted for maintenance by the state department of transportation and are available for use in common for vehicular transportation by the general public.
- (2) Improved public road rights-of-way that have been conveyed to and accepted for maintenance by Beaufort County and are available for use in common for vehicular transportation by the general public.
- (3) Improved private roadways that are shown as a separate parcel of land on the most current Beaufort County tax maps and are used by more than one property owner to access their property.
- (4) Railroad tracks shall be exempt from stormwater service fees. However, railroad stations, maintenance buildings, or other developed land used for railroad purposes shall not be exempt from stormwater service fees.
- (5) Condominium boat slips shall be exempt from stormwater service fees.

Sec. 99-110. - Stormwater service fee billing, delinquencies and collections.

- (a) Method of billing. A stormwater service fee bill may be attached as a separate line item to the county's property tax billing or may be sent through the United States mail or by alternative means, notifying the customer of the amount of the bill, the date the fee is due (January 15), and the date when past due (March 17 - see Title 12, Section 45-180 of the South Carolina State Code). The stormwater service fee bill may be billed and collected along with other fees, including but not limited to the Beaufort County property tax billing, other Beaufort County utility bills, or assessments as deemed most effective and efficient by the Beaufort County Council. Failure to receive a bill is not justification for non-payment. Regardless of the party to whom the bill is initially directed, the owner of each parcel of land shall be ultimately obligated to pay such fees and any associated fines or penalties, including, but not limited to, interest on delinquent service fees. If a customer is under-billed or if no bill is sent for a particular property, Beaufort County may retroactively bill for a period of up to one-year, but shall not assess penalties for any delinquency during that previous unbilled period.
- (b) Declaration of delinquency. A stormwater service fee shall be declared delinquent if not paid within 60 days of the date of billing or upon the date (March 17) of delinquency of the annual property tax billing if the stormwater service fee is placed upon the annual property tax billing or enclosed with or attached to the annual property tax billing.

Sec. 99-111. - Appeals.

Any customer who believes the provisions of this article have been applied in error may appeal in the following manner and sequence.

- (a) An appeal of a stormwater service fee must be filed in writing with the Beaufort County ~~public works director~~ Stormwater Manager or his/her designee within 30 days of the fee being mailed or delivered to the property owner and stating the reasons for the appeal. In the case of stormwater service fee appeals, the appeal shall include a survey prepared by a registered land surveyor or professional engineer containing information on the impervious surface area and any other feature or conditions that influence the development of the property and its hydrologic response to rainfall events.

- (b) Using information provided by the appellant, the county ~~public-works-director~~ Stormwater Manager (or his or her designee) shall conduct a technical review of the conditions on the property and respond to the appeal in writing within 30 days. In response to an appeal, the county public works director may adjust the stormwater service fee applicable to the property in conformance with the general purposes and intent of this article.
- (c) A decision of the county ~~public-works-director~~ Stormwater Manager that is adverse to an appellant may be further appealed to the county administrator or his designee within 30 days of the adverse decision. The appellant, stating the grounds for further appeal, shall deliver notice of the appeal to the county administrator or his designee. The county administrator or his designee shall issue a written decision on the appeal within 30 days. All decisions by the county administrator or his designee shall be served on the customer personally or by registered or certified mail, sent to the billing address of the customer. All decisions of the county administrator or his designee shall be final.
- (d) The appeal process contained in this section shall be a condition precedent to an aggrieved customer seeking judicial relief. Any decisions of the county administrator or his designee may be reviewed upon application for writ of certiorari before a court of competent jurisdiction, filed within 30 days of the date of the service of the decision.

Sec. 99-112. - No suspension of due date.

No provision of this article allowing for an administrative appeal shall be deemed to suspend the due date of the service fee with payment in full. Any adjustment in the service fee for the person pursuing an appeal shall be made by refund of the amount due.

Sec. 99-113. - Enforcement and penalties.

Any person who violates any provision of this article may be subject to a civil penalty of not more than \$1,000.00, or such additional maximum amount as may become authorized by state law, provided the owner or other person deemed to be in violation has been notified of a violation. Notice shall be deemed achieved when sent by regular United States mail to the last known address reflected on the county tax records, or such other address as has been provided by the person to the county. Each day of a continuing violation may be deemed a separate violation. If payment is not received or equitable settlement reached within 30 days after demand for payment is made, a civil action may be filed on behalf of the county in the circuit court to recover the full amount of the penalty. This provision on penalties shall be in addition to and not in lieu of other provisions on penalties, civil or criminal, remedies and enforcement that may otherwise apply.

Sec. 99-114. - Investment and reinvestment of funds and borrowing.

Funds generated for the stormwater management utility from service fees, fees, rentals, rates, bond issues, other borrowing, grants, loans, and other sources shall be utilized only for those purposes for which the utility has been established as specified in this article, including but not limited to: regulation; planning; acquisition of interests in land, including easements; design and construction of facilities; maintenance of the stormwater system; billing and administration; water quantity and water quality management, including monitoring, surveillance, private maintenance inspection, construction inspection; public information and education, and other activities which are reasonably required. such funds shall be invested and reinvested pursuant to the same procedures and practices established by Title 12, Section 45-70 of the South Carolina State Code for investment and reinvestment of funds.

County council may use any form of borrowing authorized by the laws of the State of South Carolina to fund capital acquisitions or expenditures for the stormwater management utility. County council, in its discretion and pursuant to standard budgetary procedures, may supplement such funds with amounts from the general fund.

Sec. 99-115. - ~~Initial study priorities for~~ Responsibilities of the stormwater management utility.

~~During the first three year period of t~~ The county stormwater management utility, ~~the utility~~ shall perform adequate studies throughout the area served by the utility to determine the following:

- (1) Baseline study of water quality in the receiving waters;
- (2) Identification of pollutants carried by stormwater runoff into the receiving waters;
- (3) Recommended mitigation efforts to address pollutants carried by stormwater runoff into the receiving waters;
- (4) Inventory of the existing drainage system;
- (5) Recommended maintenance practices and standards of the existing drainage system;
- (6) Identification of capital improvements to the system to include construction or installation of appropriate BMPs.

(7) A five-year spending plan.

(8) Ensure compliance with the federally mandated MS4 permit requirements

(9) Efficient utility administration including but not limited to billing, collection, defining rate structures, data management and customer support.

~~The proposed five year spending plan shall be appropriately revised to reflect this priority and timetable for completion.~~

Sec. 99-116. - Stormwater utility management board.

- (1) Purpose. In compliance with and under authority of Beaufort County Ordinance 2001/23, the Beaufort County Council hereby establishes the stormwater management utility board (hereinafter referred to as the "SWU board") to advise the council as follows:
 - (a) To determine appropriate levels of public stormwater management services for residential, commercial, industrial and governmental entities within Beaufort County;
 - (b) To recommend appropriate funding levels for provision of services in the aforementioned sectors;
 - (c) To advise the staff of the stormwater management utility on master planning efforts and cost of service/rate studies; and
 - (d) To support and promote sound stormwater management practices that mitigates non-point source pollution and enhances area drainage within Beaufort County.

Municipal councils are encouraged to organize similar boards to advise them on stormwater management programs and priorities within their boundaries.

In keeping with discussions held during the formation of the stormwater utility, it is anticipated that the municipalities will appoint staff professionals as their representative on the advisory board.

(2) Stormwater districts. Stormwater districts are hereby established as follows:

District 1 - City of Beaufort

District 2 - Town of Port Royal

District 3 - Town of Hilton Head Island

District 4 - Town of Bluffton

District 5 - Unincorporated Sheldon Township

District 6 - Unincorporated Port Royal Island

District 7 - Unincorporated Lady's Island

District 8 - Unincorporated St. Helena Island Islands East

District 9 - Unincorporated Bluffton Township and Daufuskie Island

(3) Membership.

(a) The SWU board is formed in accordance with Beaufort County Ordinance 92-28 and shall consist of a total of seven voting representatives from each of the following districts as noted below:

No. of Reps.	Stormwater District	Area
1	5	Unincorporated Sheldon Township
1	6	Unincorporated Port Royal Island
1	7	Unincorporated Lady's Island
1	8	Unincorporated St. Helena Island Islands East
2	9	Unincorporated Bluffton Township and Daufuskie Island
1	—	"At large"

All members of the SWU board will be appointed by county council and shall be residents of those districts or "at large" members from unincorporated Beaufort County.

- (b) The SWU board shall also consist of one nonvoting (ex officio) representative from the following districts:

Stormwater District	Municipality
1	City of Beaufort
2	Town of Port Royal
3	Town of Hilton Head Island
4	Town of Bluffton

All ex officio members from municipalities shall be appointed by their respective municipal councils for four-year terms.

- (c) All citizen members shall be appointed for a term of four years. The terms shall be staggered with one or two members appointed each year.
- (d) While no other eligibility criteria is established, it is recommended that members possess experience in one or more of the following areas: Stormwater management (drainage and water quality) issues, strategic planning, budget and finance issues or established professional qualifications in engineering, construction, civil engineering, architectural experience, commercial contractor or similar professions.
- (4) Officers.
- (a) Officers. Selection of officers and their duties as follows:
1. Chairperson and vice-chair. At an annual organizational meeting, the members of the SWU board shall elect a chairperson and vice-chairperson from among its members. The chair's and vice-chair's terms shall be for one year with eligibility for reelection. The chair shall be in charge of all procedures before the SWU board, may administer oaths, may compel the attendance of witnesses, and shall take such action as shall be necessary to preserve order and the integrity of all proceedings before the SWU board. In the absence of the chair, the vice-chair shall act as chairperson.
 2. Secretary. The county professional staff member shall appoint a secretary for the SWU board. The secretary shall keep minutes of all proceedings. The minutes shall contain a summary of all proceedings before the SWU board, which include the vote of all members upon every question, and its recommendations, resolutions, findings and determinations, and shall be attested to by the secretary. The minutes shall be approved by a majority of the SWU board members voting. In addition, the secretary shall maintain a public record of SWU board meetings, hearings, proceedings, and correspondence.
 3. Staff. The ~~public works director~~ Stormwater Manager shall be the SWU board's professional staff.

- (b) Quorum and voting. Four SWU board members shall constitute a quorum of the SWU board necessary to take action and transact business. All actions shall require a simple majority of the number of SWU board members present.
- (c) Removal from office. The county council, by a simple majority vote, shall terminate the appointment of any member of the SWU board and appoint a new member for the following reasons:
 - 1. Absent from more than one-third of the SWU board meetings per annum, whether excused or unexcused;
 - 2. Is no longer a resident of the county;
 - 3. Is convicted of a felony; or
 - 4. Violated conflict of interest rules according to the county-adopted template ordinance.

Moreover, a member shall be removed automatically for failing to attend any three consecutive regular meetings.

- (d) Vacancy. Whenever a vacancy occurs on the SWU board, the county council shall appoint a new member within 60 days of the vacancy, subject to the provisions of this section. A new member shall serve out the former member's term.
 - (e) Compensation. The SWU board members shall serve without compensation, but may be reimbursed for such travel, mileage and/or per diem expenses as may be authorized by the SWU board-approved budget.
- (5) Responsibilities and duties.
- (a) Review and recommend to the county council for approval, a comprehensive Beaufort County Stormwater Management Master Plan and appropriate utility rate study which is in accordance with the South Carolina Stormwater Management and Sediment Reduction Act; and
 - (b) Review and comment to the county administrator on the annual stormwater management utility enterprise fund budget; and
 - (c) Cooperate with the South Carolina Department of Health and Environmental Control (DHEC), Office of Coastal Resource Management (OCRM), the Oversight Committee of the Special Area Management Plan (SAMP), the Beaufort County Clean Water Task Force as well as other public and private agencies having programs directed toward stormwater management programs; and
 - (d) Review and make recommendations concerning development of a multiyear stormwater management capital improvement project (CIP) plan; and
 - (e) Review and advise on proposed stormwater management plans and procurement procedures; and
 - (f) Provide review and recommendations on studies conducted and/or funded by the utility; and
 - (g) Review and advise on actions and programs to comply with regulatory requirements, including permits issued under the State of South Carolina National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges from Regulated Small Municipal Separate Storm Sewer Systems (MS4).

- (6) Meetings. Meetings of the SWU board shall be held as established by the SWU board on a monthly basis and a calendar will be prepared giving the date, time and location of such meetings. Additionally, meetings may be called by the chairperson or at the request of four SWU board members. The location of all SWU board meetings shall be held in a public building in a place accessible to the public. The following shall apply to the conduct of all meetings:
- (a) Meeting records. The SWU board shall keep a record of meetings, resolutions, findings, and determinations. The SWU board may provide for transcription of such hearings and proceedings, or portions of hearings and proceedings, as may be deemed necessary.
 - (b) Open to public. All meetings and public hearings of the SWU board shall be open to the public.
 - (c) Recommendations or decisions. All recommendations shall be by show of hands of all members present. A tie vote or failure to take action shall constitute a denial recommendation. All recommendations shall be accompanied by a written summary of the action and recommendations.
 - (d) Notice and agenda. The SWU board must give written public notice of regular meetings at the beginning of each calendar year. The SWU board must post regular meeting agendas at the meeting place 24 hours before any meeting. Notices and agenda for call, special or rescheduled meetings must be posted at least 24 hours before such meetings. The SWU board must notify any persons, organizations and news media that request such notification of meetings.

(Ord. No. 2005/33, § 17, 8-22-2005; Ord. No. 2009/21, §§ I—VI, 5-26-2009)

Adopted this _____ day of _____, 2015.

COUNTY COUNCIL OF BEAUFORT COUNTY

By: _____
D. Paul Sommerville, Chairman

APPROVED AS TO FORM:

Thomas J. Keaveny, II, County Attorney

ATTEST:

Suzanne M. Rainey, Clerk to Council

First Reading: July 27, 2015

Second Reading: August 10, 2015

Public Hearings: July 27, 2015 and August 24, 2015

Third and Final Reading:

ORDINANCE NO. _____

**AN ORDINANCE TO AUTHORIZE THE COUNTY ADMINISTRATOR TO
EXECUTE A QUIT CLAIM DEED FOR THE MARY FIELDS SCHOOL AND
ASSOCIATED PROPERTY ON DAUFUSKIE ISLAND TO THE FIRST UNION
AFRICAN BAPTIST CHURCH**

WHEREAS, Beaufort County is not the owner of record of real property located on Daufuskie Island, Beaufort County, South Carolina described with more specify as all that certain piece, parcel or tract of land, with improvement thereon, situate, lying and being in a portion of Lot 21 Maryfield Plantation and being shown more particularly shown designated as “2.00 Acres including Road R/W” and “1.43 Residual Acres” on a plat prepared by Southeastern Surveying, Inc. dated October 24, 1998, and not recorded in the Office of the Register of Deeds for Beaufort County; and

WHEREAS, Beaufort County wishes to transfer any interests it has in the property to the First Union African Baptist Church subject to any applicable restrictions, reservations, zoning ordinances or easements that may appear of record in the Office of the Register of Deeds for Beaufort County, South Carolina; and

WHEREAS, Beaufort County Council has determined that it is in the best interests of the citizens of Beaufort County to authorize the County Administrator to execute a quit claim deed as to the above-described property; and

WHEREAS, S.C. Code Ann. § 4-9-130 requires that the transfer of any interest in real property owned by the County must be authorized by the adoption of an Ordinance by Beaufort County Council.

NOW, THEREFORE, Be it Ordained by Beaufort County Council, that the County Administrator is authorized to execute a quit claim deed for the Mary Fields School and associated property on Daufuskie Island to the First Union African Baptist Church upon such terms and conditions as he believes reasonably prudent and in the best interest of the citizens of Beaufort County.

**ADOPTED BY BEAUFORT COUNTY COUNCIL, BEAUFORT, SOUTH CAROLINA,
ON THIS _____ DAY OF _____, 2015.**

COUNTY COUNCIL OF BEAUFORT COUNTY

By: _____
D. Paul Sommerville, Chairman

APPROVED AS TO FORM:

Thomas J. Keaveny, II, County Attorney

ATTEST:

Suzanne M. Rainey, Clerk to Council

First Reading: August 24, 2015

Second Reading:

Public Hearing:

Third and Final Reading:

TMP: R800 024 000 0124 0000

STATE OF SOUTH CAROLINA)	
)	QUIT-CLAIM DEED
COUNTY OF BEAUFORT)	

KNOW ALL MEN BY THESE PRESENTS, That I, the said **BEAUFORT COUNTY**, for and in consideration of the sum of TEN AND NO/100 (\$10.00) DOLLARS, and no other valuable consideration, in hand paid at and before the sealing and delivery of these presents by **FIRST UNION AFRICAN BAPTIST CHURCH** whose address is P. O. Box 7, Daufuskie Island, South Carolina 29915-0007, (the receipt whereof is hereby acknowledged) have remised, released and forever quit-claimed, and by these presents do remise, release, and forever quit-claim, subject to the easements, restrictions, reservations and conditions ("Exceptions") set forth below, unto the said **FIRST UNION AFRICAN BAPTIST CHURCH**, its successors and assigns forever, the following described property, to wit:

**SEE EXHIBIT "A" ATTACHED HERETO AND
INCORPORATED HEREIN BY REFERENCE**

THIS CONVEYANCE is made subject to any applicable restrictions, reservations, zoning ordinances or easements that may appear of record in the Office of the Register of Deeds for Beaufort County, South Carolina.

TOGETHER with all and singular the rights, members, hereditaments and appurtenances to the said premises belonging or in anywise incident or appertaining.

TO HAVE AND TO HOLD all and singular the said premises before mentioned unto the said **FIRST UNION AFRICAN BAPTIST CHURCH**, its successors and assigns, forever, so that neither **BEAUFORT COUNTY**, nor its successors and/or assigns, nor any other person, claiming under it, shall at any time hereafter, by any way or means, have, claim or demand any right or title to the aforesaid premises or appurtenances, or any part or parcel thereof, forever.

Witness my hand and seal this _____ day of _____, 2015.

Signed, Sealed and Delivered
in the presence of:

BEAUFORT COUNTY

Witness

By: Gary Kubic
Its: County Administrator

Notary as Witness

STATE OF SOUTH CAROLINA)
)
COUNTY OF BEAUFORT)

ACKNOWLEDGMENT

I, _____, Notary Public for South Carolina do hereby certify that Gary Kubic, County Administrator for Beaufort County, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal this the _____ day of _____, 2015.

Notary Public for South Carolina
My Commission Expires: _____

EXHIBIT "A"

All that certain piece, parcel or tract of land, with improvements thereon, situate, lying and being in a portion of Lot 31 Maryfield Plantation, located on Daufuskie Island, Beaufort County, South Carolina, and being more particularly shown designated as "2.00 Acres including Road R/W" and "1.43 Residual Acres" on a plat prepared by Southeastern Surveying, Inc., dated October 24, 1998, and not recorded in the Office of the Register of Deeds for Beaufort County, South Carolina. For a more detailed description as to the courses, metes and bounds, reference is made to the aforesaid plat.

The within Quit-Claim Deed was prepared without benefit of title examination.

ORDINANCE 2015/_____

**AN ORDINANCE OF THE COUNTY OF BEAUFORT, SOUTH CAROLINA
TO AMEND ARTICLE II, SECTION 14-26, *ET SEQ.* OF THE BEAUFORT COUNTY
CODE OF LAWS TO PROHIBIT THE IMPORTATION OF EXOTIC ANIMALS
WITHIN BEAUFORT COUNTY.**

WHEREAS, Standards that are underscored shall be added text and Standards that are ~~lined through~~ shall be deleted text; and

WHEREAS, the Beaufort County Code does not currently prohibit the keeping, maintenance, possession, or control of exotic animals; and

WHEREAS, the Beaufort County Council has determined that allowing the population of exotic animals and potentially dangerous animals to increase in Beaufort County poses health and public safety risks; and

WHEREAS, the Council has further determined that prohibiting the importation of exotic animals is in the best interests of the citizens of the County and necessary to protect the health, safety and welfare of the Beaufort County citizens; and

WHEREAS, S.C. Code Ann. §4-9-25 authorizes the enactment of ordinances by County Council to address health, safety and welfare Beaufort County citizens; and

NOW, THEREFORE, BE IT ORDAINED by County Council of Beaufort County in a meeting duly assembled, for the reasons set forth above, and in the interests of public safety and welfare of the citizens of Beaufort County, the Council hereby amends the Beaufort County Code of Laws Section 14-37, to read as follows:

Section 14-37 – Importation of Exotic Animals Prohibited

- (a) Definition. An “exotic animal” shall be defined as one which would ordinarily be confined to a zoo, or one which would ordinarily be found in the wilderness of this or any other country or one which is a species of animal not indigenous to the United States or to North America, or to one which otherwise causes a reasonable person to be fearful of significant destruction of property or of bodily harm and the latter includes, but would not be limited to, such animals as monkeys, raccoons, squirrels, ocelots, bobcats, lions, tigers, bears, wolves, hybrid wolves, and other such animals or one which causes zoonotic diseases. Such animals are further

defined as being those mammals or those nonvenomous reptiles weighing over 50 pounds at maturity which are known at law as *Ferae naturae*. Wild or exotic animals specifically do not include animals of a species customarily used in South Carolina as ordinary household pets, animals of a species customarily used in South Carolina as domestic farm animals, fish contained in an aquarium, birds or insects.

- (b) Unlawful Act. It shall be unlawful for any person, firm, or corporation to import into Beaufort County, any venomous reptile or any other exotic animal.
- (c) Exception. This ordinance shall not apply to any entity licensed as a Class R Research Facility by the United States of America or any agency thereof pursuant to the Animal Welfare Act (7 U.S.C. 2131 *et seq.*)

This ordinance is effective immediately upon enactment.

Adopted this ____ day of _____, 2015.

COUNTY COUNCIL OF BEAUFORT COUNTY

BY: _____
D. Paul Sommerville, Chairman

APPROVED AS TO FORM:

Thomas J. Keaveny, II, County Attorney

ATTEST:

Suzanne M. Rainey, Clerk to Council

First Reading: August 24, 2015

Second Reading:

Public Hearing:

Third and Final Reading:

ORDINANCE 2015_____

AN ORDINANCE OF THE COUNTY OF BEAUFORT, SOUTH CAROLINA TO AMEND
SECTION CHAPTER 14 OF THE BEAUFORT COUNTY CODE OF LAWS REVISING
BEAUFORT COUNTY ANIMAL CONTROL

WHEREAS, Beaufort County Code Chapter 14, Article II, Section 14.26 – 14.37 shall be deleted and Standards included within this ordinance shall be added text; and

WHEREAS, the County Council of Beaufort County adopted the current Animal Control Ordinance in 2010; and

WHEREAS, the County Council of Beaufort County deems it appropriate to modify the Animal Control Ordinance to better address the health and safety of Beaufort County Citizens.

NOW, THEREFORE, BE IT ORDAINED by County Council of Beaufort County in a meeting duly assembled, the Beaufort County Code of Laws Section 14.26 *et. seq.*, is hereby amended to read as follows:

ARTICLE II. ANIMAL CONTROL

Sec. 14.26 Authority for and Enactment of Chapter.

Sec. 14.27 Definitions.

Sec. 14.28 County Pet License; Rabies Vaccination Tags.

Sec. 14.29 Lifetime/Annual Pet License Issuance and Fees and Exemptions.

Sec 14.30 Declaration of Restricted Dog, Appeal of Breed Determination

Sec. 14.31 Pet Breeder License, Inspections and Fees.

Sec. 14.32 Dangerous Animals.

Sec. 14.33 Running at Large.

Sec. 14.34 Nuisance Pets or Livestock.

Sec. 14.35 Animal Cruelty.

Sec. 14.36 Sale of Animals, Pets, or Livestock.

Sec. 14.37 Seizure and Right of Entry to Protect Abandoned, Neglected, or Cruelly Treated Pets or Livestock.

Sec. 14.38 Impoundment.

Sec. 14.39 Redemption.

Sec. 14.40 Adoption.

Sec. 14.41 Trapping.

Sec. 14.42 Management of Feral Cat Colonies.

Sec. 14.43 Livestock.

Sec. 14.44 Importation of Exotic Animals Prohibited

Sec. 14.45 Rabies Control Act (S.C. State Law 47-5-10).

Sec. 14.46 Interference with Animal Services Officers.

Sec. 14.47 Enforcement and Penalties.

Sec. 14.26 Authority for and Enactment of chapter.

This article is hereby authorized by Section 47-3-20 of the South Carolina Code of Laws 1976, as amended.

Sec. 14.27 Definitions.

Whenever used in this chapter, unless a contrary intention is clearly evidenced, the following terms shall be interpreted as herein defined.

Abandonment shall mean to desert, forsake, or intend to give up absolutely a pet or livestock without securing another owner or without providing for adequate food, water, shelter, and care. An animal is considered abandoned when it has been left unattended for 24 hours.

Animal shall mean a live vertebrate creature except a human being.

Animal Services Director means any person so appointed by the county administrator.

Animal Services Officer shall mean any person employed by the county as an enforcement officer of the provisions of this chapter.

Animal Services Facility means any facility so designated by the county council.

BCAS shall mean Beaufort County Animal Services, any place or premises designated by Beaufort County Council for the purpose of impounding, care, adoption, or euthanasia of dogs and cats held under the authority of this chapter.

Breeder shall mean any person owning unaltered pets with the intent of selling pets' offspring.

Domestic shall mean any animal which shares the genetic makeup and/or physical appearance of its ancestors which were historically domesticated for human companionship and service.

Dub to trim or remove.

Feral shall mean any animal that was domesticated at one time, but now lives in the wild or a controlled colony, or that have been born in the wild and have not been domesticated.

Livestock shall mean all classes and breed of animals, domesticated or feral, raised for use, sale or display.

Non-domestic shall mean any animal which shares the genetic makeup and/or physical appearance of its ancestors which were not historically domesticated for human companionship and service.

Nuisance shall mean a pet or livestock that disturbs the rights of, threatens the safety of, or damages a member of the general public, or interferes with the ordinary use and enjoyment of their property.

Owner shall mean any person who:

1. Has a property right in an animal;
2. Keeps or harbors an animal or who has it in his or her care or acts as its custodian; or
3. Permits an animal to remain on or about any premises occupied by him or her for three or more days.

Pet shall mean any animal which may be legally held as a pet by a private citizen without special permit or permission; i.e., dog (*canis familiaris*) and/or a domestic cat (*felis catus domesticus*).

Pitbull shall mean any dog that is an American Pit Bull Terrier, American Staffordshire Terrier, Stafford Bull Terrier, or any dog that exhibits physical characteristics which predominantly conform to the standards established by the American Kennel Club (AKC), United Kennel Club (UKC), or American Dog Breeders Association (ADBA) for any of the above breeds.

Shelter shall mean a structure that reasonably may be expected to protect the animal from physical suffering or impairment of health due to exposure to the elements or adverse weather.

Tethering shall mean a chain, rope, leash, cable, or other device that attaches the pet to a single stationary point.

Strict Voice Control shall mean demonstrable control or governance of the behavior of any animal as if such animal were controlled by a leash. However, when an animal destroys or damages any property, attacks, threatens to attack, or interferes with any person in any manner, becomes a nuisance, or strays onto the private property of another, there shall be a presumption of law that the animal was not under strict voice control.

Unaltered shall mean a pet which has not been spayed or neutered.

Under restraint shall mean when any pet that is off the property of the owner is controlled by a leash; is within the property limits of its owner and is confined by fence, chain, or other appropriate measure or attended by its owner and responds to strict voice control; or confined by fence, chain, or other appropriate measure within the property of another with permission of the person in control of the property.

Sec. 14.28 County Pet License; Rabies Vaccination Tags.

It shall be unlawful for the owner of any pet to fail to provide any pet over four (4) months of age with a current county annual or lifetime license. The owner of any pet over four (4) months of age must also have a current rabies vaccination tag securely attached to a collar or harness and be visible as proof the pet has been vaccinated by a licensed veterinarian. No county license will be issued unless proof of inoculation is

shown. Any pet owner who moves into the county for the purpose of establishing residency shall have thirty (30) days in which to obtain the license.

Sec. 14.29 Lifetime/Annual Pet License Issuance, Fees and Exemptions.

- A. *Eligibility.* The owner of a pet four (4) months of age or older that is spayed/neutered and permanently identified may apply to BCAS for a lifetime license; the lifetime pet license is only for Beaufort County, South Carolina.
- B. *Permanent identification requirement.* A person applying for a lifetime license shall choose either a tattoo or the implantation of a microchip as the means of permanent identification for the pet. Lifetime licenses are transferable to new owners, upon the new owner completing a new BCAS pet license, permanent identification form, and new registration with the micro-chipping company.
- C. *Pets previously microchipped.* If a person has previously had a microchip implanted for his/her pet and seeks to obtain a lifetime license for the pet, the applicant shall:
 - 1. Obtain and complete both a lifetime license application and a verification of permanent identification form as prescribed by BCAS.
 - 2. Have a licensed veterinarian scan the pet to assure the microchip has been properly implanted and to obtain the identifying number of the microchip.
 - 3. The pet owner and the licensed veterinarian shall complete, date, and sign the verification of a permanent identification form for the pet in which the microchip was scanned. The verification of permanent identification form must set forth the identifying number of the microchip scanned, identify the pet by breed and delineate the age, sex, color, and markings and whether it has been spayed or neutered. In addition, it must contain the name, address, and phone number of the pet's owner and the name, business address, and phone number of the person scanning the microchip number. If a veterinarian is involved, the veterinarian shall set forth his/her veterinary practice license number on the verification of permanent identification form.

D. *County License Fees.* The county license schedule of fees are as follows:

1. Pets previously sterilized and with permanent identification shall be a one-time fee of five dollars (\$5).
2. Pets previously sterilized and provided with permanent identification by BCAS shall be charged a one-time microchip fee and five dollars (\$5) license fee.
3. Fertile pets with a permanent identification shall be twenty dollars (\$20) annually. Fertile pet licenses will expire on June 30th of each year and are non-transferable.
4. Fertile pets with no permanent identification shall be fifty dollars (\$50) annually and will be issued a metal tag to be worn at all times Fertile pet licenses will expire on June 30th of each year and are non-transferable.

E. *Exemptions.* Exempt owners shall be required to pay a one-time fee of twenty five dollars (\$25) for each microchip and will not be required to have the pet spayed/neutered. The following are exempt owners:

1. Any owner of a pet who can furnish a statement from a licensed veterinarian that the pet, due to health reasons, could not withstand spay/neuter surgery.
2. Any owner of one or more purebred pets who can furnish proof of participation in nationally recognized conformation or performance events within the past twelve months.
3. Any owner of a dog that is currently being used for hunting purposes. Owner must provide a copy of a valid South Carolina hunting license by the proper state agency and proof that the dog is properly registered with the South Carolina Department of Natural Resources.
4. Any owner of a dog which is trained to be an assistance dog for its owner shall be required to obtain a lifetime license but shall not be required to pay any license fee.

Sec 14.30 Declaration of Restricted Dog, Appeal of Breed Determination

- A. For the purposes of this section, a restricted dog shall be defined as a pitbull.
- B. No person may own, keep, or harbor a restricted dog in violation of this section.
- C. An owner or custodian of restricted dogs must have the dog spayed or neutered unless the owner of the restricted dog provides BCAS written proof one of the following exemptions applies:
 - 1. The restricted dog is less than four (4) months of age;
 - 2. A licensed veterinarian has examined the animal and signed a written certificate stating that at such time spaying or neutering would endanger the animal's health because its age, infirmity, disability or other medical consideration. The certificate shall state the period of exemption from this requirement and shall not be valid for more than twelve (12) months from the date of issuance.
 - 3. The determination of the dog's breed is under appeal pursuant to section 14.—(D)(2);
 - 4. The owner or custodian has owned or had custody of the dog less than thirty (30) days.
- D. Determination of Breed and Appeal of Determination:
 - 1. Determination. The director of BCAS or his designee, in his or her discretion, may determine a breed determination upon contact with, or impoundment of a dog. The determination shall be made by the director or designee in accordance with BCAS's breed determination checklist. Technical deficiency in the dog's conformance to the standards defined in Section 14.27 for pitbulls shall not be construed to indicate the dog is not a pit bull dog under this section.
 - 2. Notice. Upon determination of the breed, the animal services officer shall deliver written notice of determination to the owner or any adult residing at the premises where the animal is located or by posting on the premises if no adult is present. The notice shall include the determination of breed, mandatory spay and neuter requirements, and notice of appeal process.
 - 3. The owner or custodian of an unaltered restricted dog shall comply with this ordinance within thirty (30) days after receipt of notice of breed determination. Upon compliance, the owner or custodian shall submit written documentation to BCAS confirming compliance. If ownership of the dog is transferred within the time for compliance the original owner or custodian must provide BCAS with the new owner's name and address.
- E. Appeal. Notice of a Declaration of Breed Determination constitutes a final determination that the dog is a restricted dog, unless the owner or custodian requests a hearing in writing to the Beaufort County Magistrate Court within ten (10) days of service of the notice

Sec. 14.31 Pet Breeder License, Inspection and Fees. It shall be unlawful for a pet breeder to fail to obtain a county pet breeder license. The requirements for such a license are as follows:

- A. Individuals engaged or intending to engage in breeding must obtain a non-transferrable, pet breeder license from BCAS.
- B. Applicants must have a valid county pet license for all pets that have reached the age of four (4) months before applying for the pet breeder license.
- C. BCAS shall conduct an inspection of the identified property for the pet breed license requested by the applicant to determine whether the applicant qualifies to hold a pet breeder license pursuant to this section.
- D. To qualify for a pet breeder license the applicant must demonstrate the following:
 - 1. The enclosure where the pets are being kept shall be constructed in such a manner that any pets housed there will be adequately and comfortably kept in any season of the year.
 - 2. All pet enclosures must be constructed in such a manner they can be easily cleaned and sanitized. Any kennels or yards that are connected or are used to confine the pets must be kept clean and free from accumulations of feces, filth, mud, and debris.
 - 3. Every pet on the premises must have access to sufficient good and wholesome food, and water at all times.
 - 4. The premises must be set up in such a manner as to not allow pets to stray beyond its enclosed confines. The setup must also prevent the public and stray animals from obtaining entrance into or gaining contact with any pets on the premises.
- E. A license will not be issued to an applicant that has pled no contest, or has been found to have violated any federal, state, or local laws or regulations pertaining to animal cruelty within five (5) years of the date of application.
- F. The pet breeder license fee shall be one-hundred (\$100) dollars annually. The license shall expire on June 30th of each year.

- G. Any violations found under the provisions of this chapter shall be grounds for the suspension of the pet breeder license if deemed necessary by the Beaufort County Animal Services.

Sec. 14.32 Dangerous Animals.

- A. For the purposes of this section, a dangerous or vicious animal shall be defined to be any one of the following:

1. An animal which the owner knows or reasonably should know has a propensity, tendency, or disposition to attack unprovoked, cause injury, or to otherwise endanger the safety of human beings or domestic animals;
2. An animal which makes an unprovoked attack that causes bodily injury to a human being and the attack occurs in a place other than the place where the animal is confined.
3. An animal which commits unprovoked acts in a place other than the place where the animal is confined and those acts cause a person to reasonably believe that the animal will attack and cause bodily injury to a human being;
4. An animal which is owned or harbored primarily or in part for the purpose of fighting or which is trained for fighting.
5. An animal which is used as a weapon in the commission of a crime.

- B. Declaration of a Dangerous Animal, Confinement Requirements, and Final Determination of Dangerous Animal Declaration:

1. Declaration. An animal services officer or law enforcement officer, in his or her discretion, may declare an animal dangerous. Upon determination, the officer shall deliver written notice to the owner or any adult residing at the premises where the animal is located or by posting on the premises if no adult is present. The notice shall include a description of the animal, a hearing date, confinement requirements and registration requirements.

2. Confinement Requirements and Registration. Every dangerous animal, as determined under this section, shall be confined by the owner within 72 hours of the notice of dangerous dog determination and until the final determination of the dangerous dog declaration:
 - a. All dangerous animals shall be securely confined within an occupied house or residence or in a securely enclosed and locked pen or kennel, except when leashed as provided in this section. Such pen, kennel or structure must have secure sides and a secure top attached to the sides.
 - b. The pen or kennel must be clearly marked as containing a dangerous animal.
 - c. No person shall permit a dangerous animal to go outside its kennel or pen unless such animal is securely leashed and muzzled with a leash no longer than six feet in length.
 - d. The owner of a dangerous animal must provide BCAS with proof of liability insurance or surety bond of at least \$50,000.
 - e. The owner must obtain a Dangerous animal registration/license from BCAS and pay a \$5 registration fee.
3. Final Determination of Dangerous Animal Declaration. Notice of a Declaration of a Dangerous Animal constitutes an initial determination that the animal is dangerous or potentially dangerous. A final determination shall be made by the Beaufort County Magistrate Court within thirty (30) days or as soon as practicable.
- C. Exemptions. A dog working in a law enforcement capacity with a governmental agency and in the performance of the dog's official duties.

Sec. 14.33 Running at Large.

- A. It shall be unlawful for any owner or custodian of any pet to permit the same to run at large except on property owned or rented by the owner or custodian. All pets must be kept under restraint or confinement and under the physical control of the owner or custodian by means of a leash or other similar restraining device.

- B. Exemption. Except as provided herein, no person shall bring or allow any dog, or any other animal on the beach that is not at all times on a leash between the hours of 10:00 a.m. and 5:00 p.m. from April 1st through the Thursday before Memorial Day weekend and from the Tuesday after Labor Day weekend through September 30th. No person shall bring or allow any dog, or any other animal, on the beach between the hours of 10:00 a.m. and 5:00 p.m. from the Friday before Memorial Day weekend through the Monday of Labor Day weekend. No person shall bring or allow any dog or any other animal on the beach that is not on a leash or under positive voice control of the responsible person between 5:00 p.m. and 10:00 a.m. from April 1st through September 30th. No person shall bring or allow any dog or any other animal on the beach that is not on a leash or under positive voice control at any hour from October 1st through March 31st. Any violation of the provisions hereof may result in the owner of the animal being charged with a misdemeanor and the animal being seized by the appropriate animal control officer or law enforcement officer.

No person shall permit any excrement from any animal under that person's control to remain on the beach, but shall dispose of same in a sanitary manner.

From April 1st through the Thursday before Memorial Day weekend and from the Tuesday after Labor Day weekend through September 30th of each year, dogs or any other animal, other than seeing-eye dogs, shall not be allowed in any designated swimming area unless on a leash and walking through the area between 10:00 a.m. and 5:00 p.m.

- C. Exempt dogs. Dogs that are participating in hunting events, obedience trials, conformation shows, tracking tests, herding trials, lure courses and other events similar in nature shall not be considered “at large.”

Sec. 14.34 Nuisance Pets or Livestock.

- A. The actions of a pet or livestock constitute a nuisance when a pet or livestock disturbs the rights of, threatens the safety of or injures a member of the general public, or interferes with the ordinary use and enjoyment of their property.
- B. It shall be unlawful for any person to own, keep, possess, or maintain a pet or livestock in such a manner so as to constitute a public nuisance. By way of example, and not of limitation, the following acts or actions by an owner or possessor of any pet or livestock are hereby declared to be a public nuisance and are, therefore, unlawful:

1. Failure to exercise sufficient restraint necessary to control a pet or livestock as required by Section 14.33.
 2. Allowing or permitting a pet or livestock to damage the property of anyone other than its owner, including, but not limited to, turning over garbage containers or damaging gardens, flowers, or vegetables.
 3. Failure to maintain a dangerous animal in a manner other than that which is described in Section 14.32.
 4. Maintaining pets or livestock in an environment of unsanitary conditions which results in offensive odors or is dangerous to the pet or livestock or to the public health, welfare, or safety.
 5. Maintaining his or her property in a manner that is offensive, annoying, or dangerous to the public health, safety, or welfare of the community because of the number, type, variety, density, or location of the pets or livestock on the property.
 6. Allowing or permitting a pet or livestock to bark, whine, or howl in an excessive, unwarranted, and continuous or untimely fashion, or make other noise in such a manner so as to result in a serious annoyance or interference with the reasonable use and enjoyment of neighboring premises.
 7. Maintaining a pet or livestock that is diseased and dangerous to the public health.
 8. Maintaining a pet or livestock that habitually or repeatedly chases, snaps at, attacks, or barks at pedestrians, bicycles, or vehicles.
 9. Every female pet or livestock in heat shall be confined in a building or secure enclosure in such a manner as will not create a nuisance by attracting other pets or livestock.
- C. A pet or livestock that has been determined to be a habitual nuisance by BCAS may be impounded and may not be returned to the owner until said owner can produce evidence to demonstrate that the situation creating the nuisance has been abated.

Sec. 14.35 Animal Cruelty.

- A. *Animal Care Generally.* It shall be unlawful for an owner to fail to provide his animals with sufficient good and wholesome food, water at all times, proper shelter and protection from weather, and humane care and treatment.
- B. *Mistreatment.* It shall be unlawful for a person to beat, cruelly treat, torment, overload, overwork, or otherwise abuse an animal or cause, instigate, or permit any dogfight or other combat between animals or between animals and humans.
- C. *Physical Alteration.* It shall be unlawful for a person to dye or color artificially any animal or fowl, including but not limited to rabbits, baby chickens, and ducklings, or to bring any dyed or colored animal or fowl into the County. No person shall crop or dub a pet or livestock's ears or tail or wattle or comb, except a licensed veterinarian.
- D. *Abandonment.* It shall be unlawful for any owner to abandon an animal.
- E. *Unlawful Tethering.* No person owning or keeping a dog shall chain or tether a dog to a stationary object, including, but not limited to, a structure, dog house, pole, stake, or tree for longer than 24 consecutive hours. A tethering device employed shall not allow the dog to leave the owner's, guardian's or keeper's property. The tether shall be designed for dogs and devices not designed for tethering dogs shall not be used. No chain or tether shall weigh more than 1/8 of the dog's body weight. Nothing in this section shall be construed to prohibit a person from walking a dog on a handheld leash. No dog under the age of 6 months shall be tethered outside for any length of time, unless under direct supervision of an adult over the age of eighteen (18) years old.
 - 1. A person owning or keeping a dog may confine such dog outside, subject to the restrictions in this section, through the use of any of the following methods:
 - a. inside a pen or secure enclosure; or
 - b. a fully fenced, electronically fenced or otherwise securely enclosed yard, wherein a dog has the ability to run but is unable to leave the enclosed yard; or

c. The length of the tether of the cable run to the dog's collar or harness shall allow continuous access to clean water and appropriate shelter at all

2. Exceptions to the above restrictions on outdoor confinement shall be made for dogs actively engaged in conduct directly related to the business of shepherding or herding cattle or other livestock or engaged in conduct that is directly related to the business of cultivating agricultural products, if the restraint is reasonably necessary for the for the safety of the dog.

Sec. 14.36 Sale of Animals, Pets or Livestock.

- A. No person shall sell, trade, barter, auction, lease, rent, give away, or display for commercial purpose, any live animal, pet or livestock on any roadside, public right-of-way, public property, commercial parking lot or sidewalk, or at any flea market, fair, or carnival.
- B. No person shall offer an animal, pet or livestock as an inducement to purchase a product, commodity, or service.
- C. No person shall sell, offer for sale, or give away any animal or pet ~~or livestock~~ under five (5) weeks of age, except as surrender to the county animal services facility or to a licensed pet rescue organization.
- D. Licensed pet shops, commercial kennels, county animal services facilities, and licensed pet rescue organizations are exempt from the requirements of this section.
- E. Any sale of wildlife will be reported to South Carolina Department of Natural Resources, United States Department of Agriculture, and United States Fish and Wildlife Service.

Sec. 14.37 Seizure and Right of Entry to Protect Abandoned, Neglected, or Cruelly Treated Pets or Livestock.

- A. Seizure and Right of Entry. If the owner does not give permission to the Animal Services Officers for right of entry on private property to examine suspected abandoned, neglected or cruelly treated pets or livestock, the Animal Services Officers shall petition the appropriate magistrate for an animal pickup order or a

- search warrant for the seizure of the pet or livestock to determine whether the owner, if known, is able to adequately provide for the pet or livestock and is a fit person to own the pet or livestock.
- B. Citation. The Animal Services Officers shall cause to be served upon the owner, if known, and residing within the jurisdiction wherein the pet or livestock is found, a written citation at least five (5) days prior to the hearing containing the time and date and place of the hearing. If the owner is not known or cannot be found within the jurisdiction wherein the pet or livestock was found, the Animal Services Officers shall post a copy of the notice at the property where the animal was seized.
 - C. Custody. The pet or livestock shall remain in the custody and care of BCAS until such matter is heard before a magistrate. The magistrate shall make the final determination as to whether the pet or livestock is returned to the owner or whether title is transferred to the BCAS whereby the pet or livestock may be put up for adoption or humanely euthanized. If the magistrate orders the return of the pet or livestock to its owner, BCAS shall release the pet or livestock upon receipt from the owner of all redemption fees as described in Section 14.39, below.
 - D. Nothing in this section shall be construed to prohibit the euthanasia of a critically injured or ill animal for humane purposes.

Sec. 14.38 Impoundment

- A. Any pet or livestock found within the county in violation of the provisions of this chapter may be caught and impounded by BCAS. BCAS may, thereafter, make available for adoption or humanely euthanize impounded pets or livestock not positively identified or redeemed within five (5) working days.
- B. When a person arrested is, at the time of arrest, in charge of an animal, BCAS may take charge of the animal and deposit the animal in a safe place of custody or impound the pet or livestock at its animal care facility.
- C. The owner of a pet or livestock that may be positively identified shall be notified at the owner's last known address by registered mail if attempts by telephone are not successful. The owner has fourteen (14) days from the date of mailing to contact BCAS for pick-up. Redemption costs will include the cost of mailing, any established

- costs, fines, fees, or other charges. If the owner does not make contact within fourteen (14) days of the date of mailing, the pet or livestock will be deemed abandoned and becomes the property of BCAS. For pets or livestock impounded at BCAS, the Director of Animal Services, or his/her designee in agreement with a licensed veterinarian, shall either place the pet or livestock for adoption or have the pet or livestock humanely euthanized, pursuant to S.C. Code 47-3-540 (Supp. 1999).
- D. Notwithstanding the above, pets or livestock impounded at BCAS, which are deemed by the Director of Animal Services, or his/her designee or a licensed veterinarian to constitute a danger to other pets, livestock or persons at the facility, or which are infectious to other pets or livestock, in pain or near death may be humanely euthanized immediately.
- E. Any pet or livestock surrendered to BCAS may be adopted or euthanized at any time provided there is a completed and signed surrender form on file for the pet or livestock concerned.

Sec. 14.39 Redemption.

- A. The owner or keeper of any pet or livestock that has been impounded under the provisions of this chapter, and which has not been found to be dangerous or vicious, shall have the right to redeem such pet or livestock at any time when proper ownership has been confirmed by BCAS personnel; upon payment of a fee as follows:
1. For a pet or livestock that has been properly inoculated, licensed, microchipped, and neutered or spayed, at the BCAS Director of Animal Services or his/her designee, may issue a warning for the first offense at their discretion and investigation of circumstances. First offense fee is fifty (\$50) dollars, second offense is one hundred and fifty (\$150.00) dollars, third offense and any subsequent offenses is two hundred and fifty (\$250.00) dollars.
 2. For pets or livestock not properly inoculated, licensed, microchipped and spayed or neutered the fee shall be fifty (\$50) dollars plus the appropriate microchip license fee, the charge for rabies inoculation, and the cost of spaying or neutering the pet or livestock as appropriate.

3. Fertile pets or livestock (as appropriate) shall not be redeemed or adopted unless one of the criteria under the exemptions provisions in subsections 14.31 (A) (1-4) has not been met.
 4. Pets or livestock will not be released without proof of inoculation and without an implanted microchip. The requirements of spaying or neutering shall not be waived under the exceptions in subsections 14.31 (A) (1-3) when the pet or livestock (as appropriate) has been impounded a second time for any violations of Sections 14.32; 14.33; 14.34; 14.35; 14.36; 14.37 or 14.38.
- B. In addition to the redemption fee, a boarding fee after twenty four (24) hours of twenty five (\$25) dollars per day per pet or livestock shall be paid by the owner or keeper when a pet or livestock is redeemed.
- C. The fees set out in this section shall be doubled for any pet or livestock impounded twice or more within the same 12 month period.

Sec. 14.40 Adoption.

- A. Any pet or livestock impounded under the provisions of this chapter may, at the end of the legal detention period, be adopted provided the new owner will agree to comply with the provisions contained herein.
- B. Any pet or livestock surrendered to BCAS may be adopted at any time provided there is a completed and signed surrender form on file for the pet or livestock concerned.
- C. Those individuals adopting puppies or kittens too young to be neutered or spayed or receive rabies inoculations will pay the cost of these procedures at the time of adoption and be given an appointment for a later time to have these procedures completed. In the event the pet is deceased prior to the appointment date, the applicable portion of the adoption fee will be returned.
- D. The county animal services director or designee shall have the authority to refuse adoption of any animal to any person deemed unable to provide proper shelter, confinement, medical care and food or to any person who has a past history of inhumane treatment of or neglect to pets or livestock. Any person seeking adoption of a pet or livestock more frequently than ninety (90) days from the last adoption shall be subject to refusal of adoption. Any person who has been refused adoption of a pet

or livestock may appeal his case to the assistant county administrator for public safety. If any person surrenders an owned pet or livestock to the animal services department, they will not be able to adopt a pet or livestock for ninety (90) days from the date of the original surrender.

Sec. 14.41 Trapping.

A. It shall be unlawful for any person or business to conduct trapping of any pets, livestock or domestic animals within Beaufort County without prior approval from the Animal Services Department. Any pets, livestock or domestic animals trapped with prior approval from the Animal Services Department will be reported or delivered to the Animal Services Department for purposes of identification of the pet's owner and record keeping of the trapping. It shall be unlawful for any person to remove, destroy, or liberate any trap and/or trapped animal set by the Beaufort County Animal Services Department or enter any Animal Services vehicle with the intent to rescue or deliver it from the custody of the Animal Services Department. If a trapped animal is in need of immediate attention, the Animal Services Department or 911 will be notified immediately of the animal in distress.

B. Exemption. Trapping is permitted for hogs.

Sec. 14.42 Management of Feral Cat Colonies.

A. Definitions.

Caregiver means any person who provides food, water or shelter to or otherwise cares for a feral cat colony and has made application to the animal services department for management of a feral cat colony.

Caregiver manager means any person in charge of a caregiver program.

Ear tipping means straight-line cutting of the tip of the left ear of a cat while the cat is anesthetized.

Feral cat means a cat which currently exists in a wild or untamed state.

Feral cat colony means a group of cats that congregate. Although not every cat in a colony may be feral, non-feral cats routinely congregate with a colony shall be deemed to be a part of it.

Nuisance means disturbing the peace by (a) habitually or continually howling, crying or screaming, or (b) the habitual and significant destruction of property against the wishes of the owner of the property.

Suitable shelter means shelter that provides protection from rain, sun and other elements and is adequate to protect the health of the cat.

TNR means trap, neuter/spay and release.

TNA program means a program pursuant to which cats are trapped, neutered or spayed, vaccinated against rabies, ear tipped or tattooed and released to a designated location of a managed colony.

B. Feral cat colony management:

Feral cat colonies shall be permitted (no fee) by the Beaufort County Animal Services Department and caregivers shall be responsible for applying for the permit for each colony and be entitled to maintain them in accordance with the terms and conditions of the BCAS policy on feral cat colony management, once the permit is approved by Animal Services Department.

Sec. 14.43 Livestock.

- A. All livestock shall be properly housed with adequate food, water and confined within a fenced enclosure. The fenced enclosure shall be maintained in such a manner as to keep any average livestock animal from escaping the enclosed compound and causing damage, accidents or injury to any person or property. No person shall tie, stake or fasten any livestock within any street, highway, road, alley, sidewalk, right-of-way, or other public place within the county or in such manner that the animal has access to any portion of any street, highway, road, alley, sidewalk, right-of-way, or other public place.
- B. Owners or possessors of livestock impounded for violation of this article or any state and/or federal laws, will be charged in accordance with actual costs of impoundment plus impounding and boarding fees.
- C. Impounded livestock shall be held for a period of 21 days. If such impounded animals are not claimed by the owners during that period of time, the animals may be given to

persons willing to accept them, in the discretion of the Beaufort County Animal Services Department.

- D. Exception: No swine or livestock shall be kept within the corporate limits of Port Royal, _____, & _____ without specific approval of the Town/City Council and is permissible under the municipal zoning regulations. No approval shall be granted or continued if such keeping shall constitute a menace to health or welfare of the public. To the extent that another section within this Chapter reference livestock this section shall be controlling.

Sec. 14.44 Importation of Exotic Animals Prohibited

- A. Definition. An “exotic animal” shall be defined as one which would ordinarily be confined to a zoo, or one which would ordinarily be found in the wilderness of this or any other country or one which is a species of animal not indigenous to the United States or to North America, or to one which otherwise causes a reasonable person to be fearful of significant destruction of property or of bodily harm and the latter includes, but would not be limited to, such animals as monkeys, raccoons, squirrels, ocelots, bobcats, lions, tigers, bears, wolves, hybrid wolves, and other such animals or one which causes zoonotic diseases. Such animals are further defined as being those mammals or those nonvenomous reptiles weighing over 50 pounds at maturity which are known at law as *Ferae naturae*. Wild or exotic animals specifically do not include animals of a species customarily used in South Carolina as ordinary household pets, animals of a species customarily used in South Carolina as domestic farm animals, fish contained in an aquarium, birds or insects.
- B. Unlawful Act. It shall be unlawful for any person, firm, or corporation to import into Beaufort County, any venomous reptile or any other exotic animal.
- C. Exceptions. This ordinance shall not apply to following entities:
- a. An entity licensed as a Class R Research Facility by the United States of America or any agency thereof pursuant to the Animal Welfare Act (7 U.S.C. 2131 et seq.)
 - b. An entity properly accredited by the Association of Zoos & Aquariums or the Zoological Association of America

- c. An entity licensed as a Class C Facility by the United States of America or any agency thereof pursuant to the Animal Welfare Act (7 U.S.C. 2131 et seq.) for exhibition not to exceed 7 days within a 52 week period
- d. A team mascot for a university of educational facility.

Sec. 14.45 Rabies Control Act (S.C. State Law 47-5-10)

This law is strictly enforced by South Carolina Department of Health and Environmental Control (DHEC) in cooperation with Beaufort County Animal Services Department and any state, county or municipal law enforcement agencies.

Sec. 14.45 Interference with Animal Services Officers.

It shall be unlawful for any person to interfere with, hinder, or molest an Animal Services Officers in the performance of his or her duties or seek to release any pet or livestock in his/her custody without his/her consent. (See Sec. 14.26 Authority for enactment of chapter.)

Sec. 14.46 Enforcement and Penalties.

- A. The Animal Services Officers of the Beaufort County Animal Services Department shall be charged with the responsibility of enforcing all ordinances enacted by the county and contracts entered into with the county for the care, control and custody of pets or livestock covered by this article. All violations of this article shall be heard by the Beaufort County Magistrate Court.
- B. The provisions of this article shall not apply to any dog or cat owned within the confines of any incorporated municipality within the county, unless and until the governing body of a municipality requests in writing that county council include the area of such municipality within the coverage of this article, and county council has acted favorably on such request and has so notified such municipality of its approval of such request.

C. Any person who violates the provisions of this Chapter shall be deemed guilty of a misdemeanor and, upon conviction, shall be subject to a fine not exceeding five hundred dollars (\$500) or imprisonment not exceeding thirty (30) days, or both.

Adopted this _____ day of _____, 2015.

COUNTY COUNCIL OF BEAUFORT COUNTY

By: _____
D. Paul Sommerville, Chairman

APPROVED AS TO FORM:

Thomas J. Keaveny, II, County Attorney

ATTEST:

Suzanne M. Rainey, Clerk to Council

First Reading:

Second Reading:

Public Hearings:

Third and Final Reading:

2015 /

AN ORDINANCE TO AMEND ORDINANCE 2006/24 TO INCLUDE IN SECTION 6, PARAGRAPH B, SUBPARAGRAPH 3C, DISCOUNT TABLE FOR AFFORDABLE HOUSING OF THE DEVELOPMENT IMPACT FEE PROCEDURES ORDINANCE AS REPRESENTED ON THE DOCUMENT ATTACHED.

Adopted this _____ day of _____, 2015.

COUNTY COUNCIL OF BEAUFORT COUNTY

By: _____
D. Paul Sommerville, Chairman

APPROVED AS TO FORM:

Thomas J. Keaveny, II, County Attorney

ATTEST:

Suzanne M. Rainey, Clerk to Council

First Reading: August 24, 2015

Second Reading:

Public Hearing:

Third and Final Reading:

Discount Table for Affordable Housing: Single Family Units

Heated Area of Residence (in sq.ft.)	Discount	Percentage of Impact Fees to be Paid
Up to 800	75%	25%
801 - 1,200	50%	50%
1,201 - 1,600	25%	75%
1,601 and greater	0%	100%

Discount Table for Affordable Housing: All Other Family Units

Heated Area of Residence (in sq.ft.)	Discount	Percentage of Impact Fees to be Paid
Up to 800	75%	25%
801 - 1,000	50%	50%
1,001 - 1,200	25%	75%
1,201 and greater	0%	100%

DISCOUNT FOR AFFORDABLE HOUSING

<u>HUD Category</u>	<u>Percentage of Median Income</u>	<u>Discount</u>
Low Income	50 - 80%	30%
Very Low Income	less than 50%	60%

Formula for 80% Threshold for Low Income Sale Units:

County Median Income x 0.80 x 3

Formula for 50% Very Low Income Sale Units:

County median Income x 0.50 x 3

The discounts described above on "sale units" are intended for owner occupied units and proof that the units are for sale and intended for owner-occupancy may be required.

Discounts for affordable rental units are available to Low and Very Low Income units as certified by USHUD, the South Carolina Housing Finance Agency, or the Beaufort Housing Authority. In developments with a mix of affordable and market rate units, only certified affordable units are eligible for the discount.



COUNTY COUNCIL OF BEAUFORT COUNTY
BEAUFORT COUNTY ENGINEERING DEPARTMENT

104 Industrial Village Road, Building #3, Beaufort, SC 29906

Post Office Drawer 1228, Beaufort, SC 29901-1228

Telephone: 843-255-2700 Facsimile: 843-255-9420

TO: Councilman Gerald Dawson, Chairman, Public Facilities Committee

VIA: Gary Kubie, County Administrator *GKubie*
William Prokop, City Manager *WProkop*
Josh Gruber, Deputy County Administrator *JGruber*
Alicia Holland, Assistant County Administrator for Finance *AH*
Kathy Todd, City Finance Director *KMT*

FROM: Robert McFee, PE, Division Director of Construction, Engineering & Facilities *Robert McFee*

SUBJ: Boundary Street Redevelopment Construction - IFB #062315E

DATE: August 25, 2015

BACKGROUND. Beaufort County received bids for the construction component of the Boundary Street Redevelopment Project on July 7, 2015. This project consists of the conversion of the existing 5-lane roadway to a 4-lane boulevard from Neil Road to Greenlawn Drive and includes street lighting, sidewalks, a multi-use path, landscaping, undergrounding of overhead utilities and the realignment of the intersection of SC 170 and Boundary Street. Also included in this project is the construction of a new 0.52 mile parallel City road for First Street and existing Polk and Palmetto Streets as outlined in the approved Boundary Street Master Plan adopted by the City in August 2006.

The following firm submitted a bid for the subject project on July 7, 2015.

Bidder	ADDRESS	AMOUNT
Preferred Materials, Inc. (PMI)	Savannah, GA	\$ 18,765,274.84
Engineers Estimate		\$20,094,355.00

PMI's bid submittal has been reviewed and a contract award concurrence package has been sent to SCDOT and the FHWA. The SCDOT and FHWA review is being conducted in parallel with the County review and award process. Contract award will be finalized once all approvals have been secured.

SMB OUTREACH PLAN. The Beaufort County Small & Minority Business Participation solicitation will not apply to this contract due to sources of funding. PMI met the project DBE goal of 13.0%. PMI's total DBE goal is 14.9%.

AH **FUNDING.** Please see the attached August 20, 2015 Boundary Street Parallel Road Funding Financial Worksheet.

FOR ACTION. Public Facilities Committee Meeting on August 31, 2015.

RECOMMENDATION. The Public Facilities Committee approve and recommend to County Council approval of a contract award to Preferred Materials, Inc., for construction of the Boundary Street Redevelopment in the amount of \$18,765,274.84 from the funding sources listed above. Council award is contingent on approval by SCDOT and the Federal Highway Administration.

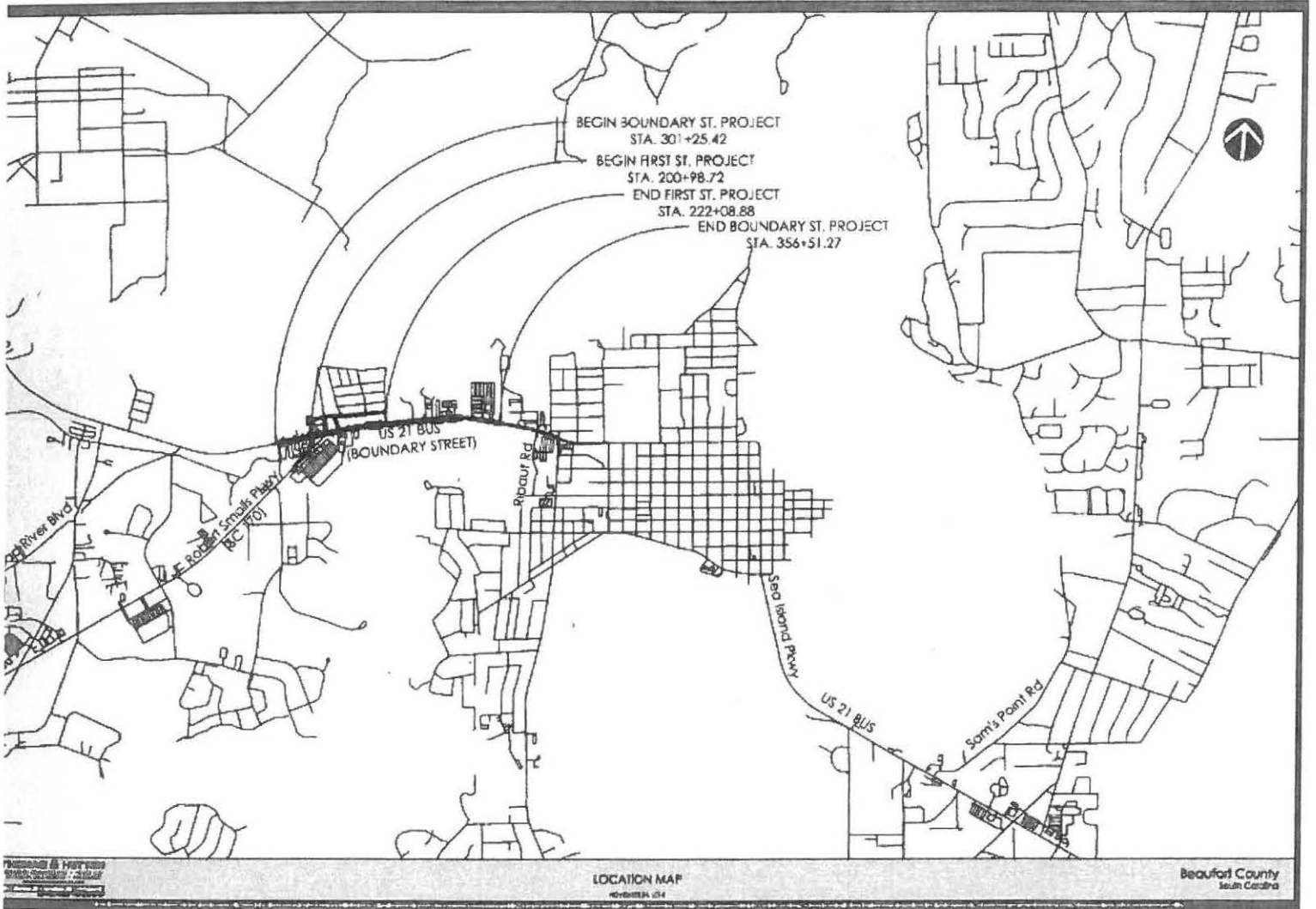
Attachments: 1) 8/20/15 Boundary Street/Parallel Road Funding Financial Worksheet
2) Location Map
3) Thomas & Hutton Bid Certification
4) DBE Documents

cc: Monica Spells, Assistant County Administrator for Civic Engagement *MSpells*
Dave Thomas, Purchasing Director *DT*

BOUNDARY STREET AND PARALLEL ROAD
FUNDING BY SOURCE COMPARED TO PROJECT BUDGET
AS OF AUGUST 20, 2015

		Original Budget 2012	Budget Amended as of June 30, 2015	Budget Amended as of August 20, 2015
<u>Funding Sources</u>				
Federal Grant		\$ 12,635,000	\$ 12,635,000	\$ 12,635,000
Beaufort County Sales Tax Fund		11,346,115	11,346,115	11,346,115
Beaufort County Road Impact Fees		300,000	300,000	1,369,243
City of Beaufort TIF II		2,912,695	6,964,853	8,223,000
Total Funding Sources		<u>\$ 27,193,810</u>	<u>\$ 31,245,968</u>	<u>\$ 33,573,358</u>
<u>Project Budget</u>				
<u>BOUNDARY STREET</u>				
SC 170 Realignment				
	ROW	\$ 500,000	\$ 423,949	\$ 423,949
	Construction	3,500,000	-	-
Multi Use Path				
	ROW	200,000	376,120	376,120
	Construction	900,000	-	-
Multiway Boulevard				
	ROW	3,000,000	2,750,439	2,750,125
	Construction	9,297,000	14,665,275	14,665,275
	Duct Bank	2,900,000	-	-
Pre-Grant Expenditures		1,700,695	1,700,695	1,700,695
Engineering and other costs		-	-	1,230,045
Construction, Engineering and Inspection (CEI)		1,200,000	1,200,000	1,968,800
Contingency for Utilities		-	2,300,000	2,300,000
Project Contingency		-	1,242,780	1,637,139
Boundary Street subtotal		<u>23,197,695</u>	<u>24,659,258</u>	<u>27,052,148</u>
<u>PARALLEL ROAD</u>				
	ROW	1,300,000	1,340,595	1,167,766
	Construction	1,500,000	4,100,000	4,100,000
Pre-Grant Expenditures		746,115	746,115	746,115
Project Contingency		-	400,000	500,000
Engineering and other costs		-	-	7,329
Duct Bank		450,000	-	-
Parallel Road subtotal		<u>3,996,115</u>	<u>6,586,710</u>	<u>6,521,210</u>
Total Project Budget		<u>\$ 27,193,810</u>	<u>\$ 31,245,968</u>	<u>\$ 33,573,358</u>

LOCATION MAP



BEAUFORT COUNTY ENGINEERING DIVISION

ENGINEER'S OPINION OF COST-US 21 BUSINESS/BOUNDARY STREET IMPROVEMENTS FROM NEIL TO GREENLAWN INCLUDING FIRST ST (PARALLEL RD)

ITEM	DESCRIPTION	QUANTITY	UNITS	Preferred Materials, Inc.		Engineer's Opinion	
				UNIT PRICE	PRICE	UNIT PRICE	PRICE
1031000	MOBILIZATION	NEC	LS	\$ 940,000.00	\$ 940,000.00	\$ 1,377,032.50	\$ 1,377,032.50
1050800	CONSTRUCTION STAKES, LINES & GRADES	NEC	LS	\$ 133,900.00	\$ 133,900.00	\$ 160,037.50	\$ 160,037.50
1071000	TRAFFIC CONTROL	NEC	LS	\$ 740,000.00	\$ 740,000.00	\$ 591,477.50	\$ 591,477.50
1080300	CPM PROGRESS SCHEDULE	NEC	LS	\$ 30,900.00	\$ 30,900.00	\$ 24,425.00	\$ 24,425.00
2011001	CLEARING & GRUBBING WITHIN RIGHT OF WAY	NEC	LS	\$ 1,497,000.00	\$ 1,497,000.00	\$ 1,404,465.00	\$ 1,404,465.00
2021000	REMOVAL OF STRUCTURES & OBSTRUCTIONS	NEC	LS	\$ 174,300.00	\$ 174,300.00	\$ 224,520.00	\$ 224,520.00
2021005	REMOVAL & DISPOSAL OF EXISTING CATCH BASINS	23	EA	\$ 164.00	\$ 3,772.00	\$ 631.50	\$ 14,524.50
2021010	REMOVAL & DISPOSAL OF EXISTING DROP INLETS	17	EA	\$ 164.00	\$ 2,788.00	\$ 631.50	\$ 10,735.50
2021015	REMOVAL & DISPOSAL OF EXISTING MANHOLES	11	EA	\$ 164.00	\$ 1,804.00	\$ 631.50	\$ 6,946.50
2021020	REMOVAL & DISPOSAL OF EXISTING JUNCTION BOX	1	EA	\$ 164.00	\$ 164.00	\$ 631.50	\$ 631.50
2021205	REMOVAL & DISPOSAL OF LOW LEVEL CONTAMINATED SOIL	200	TON	\$ 101.15	\$ 20,230.00	\$ 107.50	\$ 21,500.00
2023000	REMOVAL & DISPOSAL OF EXISTING PAVEMENT	10600	SY	\$ 5.69	\$ 60,314.00	\$ 16.70	\$ 177,020.00
2025000	REMOVAL & DISPOSAL OF EXISTING ASPHALT PAVEMENT	24400	SY	\$ 7.88	\$ 192,272.00	\$ 15.53	\$ 378,810.00
2031000	UNCLASSIFIED EXCAVATION	10155	CY	\$ 11.90	\$ 120,844.50	\$ 19.36	\$ 196,550.03
2033000	BORROW EXCAVATION	8750	CY	\$ 31.69	\$ 277,287.50	\$ 33.17	\$ 290,193.75
2034000	MUCK EXCAVATION	500	CY	\$ 22.69	\$ 11,345.00	\$ 19.17	\$ 9,582.50
2040055	STRUCTURE EXCAVATION (RETAINING WALL)	700	CY	\$ 20.00	\$ 14,000.00	\$ 45.00	\$ 31,500.00
2052000	NO. 57 STONE FOR BACKFILL	970	TON	\$ 66.15	\$ 64,165.50	\$ 62.73	\$ 60,848.10
2081001	FINE GRADING	20427	SY	\$ 3.19	\$ 65,162.13	\$ 5.63	\$ 115,004.01
2103000	FLOWABLE FILL	931	CY	\$ 177.00	\$ 164,787.00	\$ 198.00	\$ 184,338.00
3050108	GRADED AGGR.BASE COURSE-8"UNIF (Emergency Turn around)	56	SY	\$ 29.55	\$ 1,654.80	\$ 35.00	\$ 1,960.00
3069900	MAINTENANCE STONE	2200	TON	\$ 50.19	\$ 110,418.00	\$ 50.75	\$ 111,650.00
3100310	HOT MIX ASPHALT BASE COURSE-TYPE A (Full Depth Road <6'D/W)	7765	TON	\$ 78.91	\$ 612,736.15	\$ 126.50	\$ 982,272.50
4011004	LIQUID ASPHALT BINDER PG64-22 (Roadway-overlay,full depth,driveway)	1210	TON	\$ 524.00	\$ 634,040.00	\$ 711.13	\$ 860,461.25
4013990	MILLING EXISTING ASPHALT PAVEMENT (VARIABLE)	9025	SY	\$ 4.75	\$ 42,868.75	\$ 4.65	\$ 41,966.25
4012060	FULL DEPTH ASPHALT PATCH-6" UNIF.	4550	SY	\$ 44.04	\$ 200,382.00	\$ 46.38	\$ 211,006.25
4020320	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (Full Depth Rd,Leveling>2")	4365	TON	\$ 80.78	\$ 352,604.70	\$ 85.38	\$ 372,661.88
4030320	HOT MIX ASPHALT SURFACE COURSE TYPE B (Overlay/Full Depth Road, D/W)	6325	TON	\$ 83.73	\$ 529,592.25	\$ 75.95	\$ 480,383.75
4030360	HOT MIX ASPHALT SURFACE COURSE TYPE E (Leveling <2")	2390	TON	\$ 79.52	\$ 190,052.80	\$ 82.95	\$ 198,250.50
6020104	CONSTRUCTION ZONE ELECTRIC CHANGEABLE MESSAGE SIGN FOR MAINT	8	EA	\$ 15,141.00	\$ 121,128.00	\$ 13,575.00	\$ 108,600.00
6041150	BARRICADE - TYPE 2	50	LF	\$ 36.05	\$ 1,802.50	\$ 67.52	\$ 3,376.00
6041200	BARRICADE - TYPE 3	310	LF	\$ 30.39	\$ 9,420.90	\$ 75.69	\$ 23,463.90
6051120	PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED)	702	SF	\$ 6.70	\$ 4,703.40	\$ 6.38	\$ 4,475.25
6051125	PERMANENT CONSTRUCTION SIGNS (BARRICADE MOUNTED)	256	SF	\$ 8.76	\$ 2,242.56	\$ 19.65	\$ 5,030.40
609105A	PAVEMENT MARKINGS(TEMP-PAINT) 4" WHITE BROKEN LINES	7100	LF	\$ 0.18	\$ 1,278.00	\$ 0.16	\$ 1,100.50
609105B	PAVEMENT MARKINGS(TEMP-PAINT) 4" YELLOW BROKEN LINES	2100	LF	\$ 0.18	\$ 378.00	\$ 0.14	\$ 283.50
609115A	PAVEMENT MARKINGS(TEMPORARY-PAINT)-4" WHITE SOLID LINES	10000	LF	\$ 0.18	\$ 1,800.00	\$ 0.35	\$ 3,500.00
609115B	PAVEMENT MARKINGS(TEMPORARY-PAINT)-4" YELLOW SOLID LINES	33000	LF	\$ 0.18	\$ 5,940.00	\$ 0.10	\$ 3,135.00
609125A	PAVEMENT MARKINGS(TEMPORARY-PAINT)-8" WHITE SOLID LINES	6665	LF	\$ 1.03	\$ 6,864.95	\$ 1.07	\$ 7,098.23
609125B	PAVEMENT MARKINGS(TEMPORARY-PAINT)-8" YELLOW SOLID LINES	200	LF	\$ 1.03	\$ 206.00	\$ 1.07	\$ 213.00
609135A	PAVEMENT MARKINGS(TEMPORARY-PAINT)-24"WHITE SOLID LINES	1680	LF	\$ 3.09	\$ 5,191.20	\$ 3.20	\$ 5,367.60
609135B	PAVEMENT MARKINGS(TEMPORARY-PAINT)-24"YELLOW SOLID LINES	100	LF	\$ 3.09	\$ 309.00	\$ 3.20	\$ 319.50
609160A	PAVEMENT MARKINGS(TEMPORARY-PAINT)-WHITE SINGLE ARROW	92	EA	\$ 67.00	\$ 6,164.00	\$ 48.25	\$ 4,439.00
609165A	PAVEMENT MARKINGS(TEMP-PAINT)-WHITE COMBINATION ARROWS	15	EA	\$ 88.00	\$ 1,320.00	\$ 53.50	\$ 802.50
609180A	PAVEMENT MARKINGS(TEMPORARY-PAINT)-WHITE WORD 'ONLY	60	EA	\$ 98.00	\$ 5,880.00	\$ 58.75	\$ 3,525.00
6092100	TEMPORARY CLEAR PAVEMENT MARKERS MONO-DIR.-4"X4"	336	EA	\$ 5.15	\$ 1,730.40	\$ 4.80	\$ 1,611.12
6092150	TEMPORARY YELLOW PAVEMENT MARKERS MONO-DIR.-4"X4"	361	EA	\$ 5.15	\$ 1,859.15	\$ 4.80	\$ 1,731.00
6092155	TEMPORARY YELLOW PAVEMENT MARKERS BI-DIR.-4"X4"	175	EA	\$ 5.15	\$ 901.25	\$ 4.80	\$ 839.13
6271005	4" WHITE BROKEN LINES(GAPS EXCL.)THERMOPLASTIC- 90 MIL	4500	LF	\$ 1.03	\$ 4,635.00	\$ 0.96	\$ 4,297.50

BEAUFORT COUNTY ENGINEERING DIVISION

ENGINEER'S OPINION OF COST-US 21 BUSINESS/BOUNDARY STREET IMPROVEMENTS FROM NEIL TO GREENLAWN INCLUDING FIRST ST (PARALLEL RD)

ITEM	DESCRIPTION	QUANTITY	UNITS	Preferred Materials, Inc.		Engineer's Opinion	
				UNIT PRICE	PRICE	UNIT PRICE	PRICE
6271010	4" WHITE SOLID LINES (PVT. EDGE LINES) THERMO - 90 MIL.	5000	LF	\$ 0.57	\$ 2,850.00	\$ 0.66	\$ 3,300.00
6271015	8" WHITE SOLID LINES THERMOPLASTIC - 125 MIL.	3865	LF	\$ 1.85	\$ 7,150.25	\$ 3.73	\$ 14,416.45
6271025	24" WHITE SOLID LINES (STOP/DIAG LINES)-THERMO-125 MIL	1030	LF	\$ 6.18	\$ 6,365.40	\$ 11.21	\$ 11,546.30
6271030	WHITE SINGLE ARROWS (LT, STRGT, RT) THERMO-125 MIL.	38	EA	\$ 114.00	\$ 4,332.00	\$ 79.88	\$ 3,035.25
6271035	WHITE WORD MESSAGE "ONLY"-THERMOPLASTIC - 125 MIL.	26	EA	\$ 309.00	\$ 8,034.00	\$ 159.75	\$ 4,153.50
6271040	WHITE COMBINATION ARROWS(STR&RT.OR STR<)THERMO-125MIL	5	EA	\$ 170.00	\$ 850.00	\$ 90.53	\$ 452.63
6271064	4" YELLOW BROKEN LINES(GAPS EXC)THERMOPLASTIC - 90 MIL.	220	LF	\$ 0.57	\$ 125.40	\$ 0.81	\$ 178.20
6271074	4" YELLOW SOLID LINES(PVT.EDGE LINES) THERMO-90 MIL.	15200	LF	\$ 0.57	\$ 8,664.00	\$ 0.54	\$ 8,132.00
6271078	8" YELLOW SOLID LINES THERMOPLASTIC - 125 MIL.	665	LF	\$ 2.06	\$ 1,369.90	\$ 3.73	\$ 2,480.45
6271080	24" YELLOW SOLID LINES - THERMOPLASTIC - 125 MIL.	290	LF	\$ 6.18	\$ 1,792.20	\$ 11.21	\$ 3,250.90
6301100	PERMANENT YELLOW PAVEMENT MARKERS BI-DIR.- 4"x4"	135	EA	\$ 4.38	\$ 591.30	\$ 4.26	\$ 575.10
6302001	PERMANENT CLEAR/RED PAVEMENT MARKERS- BI-DIR.- 4"x4"	205	EA	\$ 4.38	\$ 897.90	\$ 4.26	\$ 873.30
6510105	FLAT SHEET, TYPE III, FIXED SZ. & MSG. SIGN	861	SF	\$ 16.48	\$ 14,189.28	\$ 28.65	\$ 24,667.65
6510106	FLAT SH.1-3,SIZE DETER BY MSG.	60	SF	\$ 21.63	\$ 1,297.80	\$ 24.98	\$ 1,498.50
6510108	FLAT SHEET, TYPE VIII OR IX OVERHEAD	255	SF	\$ 36.05	\$ 9,192.75	\$ 24.79	\$ 6,321.45
6513020	MOUNTING ASSEMBLY FOR F.S. SIGN ERCTD ON MAST ARM	25	EA	\$ 257.50	\$ 6,437.50	\$ 275.00	\$ 6,875.00
6531210	U-SECTION POST FOR SIGN SUPPORTS - 3P	1456	LF	\$ 8.76	\$ 12,754.56	\$ 15.38	\$ 22,393.28
6531215	U-SEC. POST FOR SGN BRAC. - 2P	72	LF	\$ 7.21	\$ 519.12	\$ 13.51	\$ 972.36
6651005	LIGHT STANDARD ANCHORAGE	159	EA	\$ 1,133.00	\$ 180,147.00	\$ 795.50	\$ 126,484.50
6651091	SINGLE LIGHT DECORATIVE POLE	159	EA	\$ 4,223.00	\$ 671,457.00	\$ 2,168.50	\$ 344,791.50
6888110	INSTALL STREET LIGHT LUMINAIRE	159	EA	\$ 670.00	\$ 106,530.00	\$ 1,959.00	\$ 311,481.00
0	FURNISH & INSTALL 2.0" GALVANIZED RIGID CONDUIT TO TIMBER BOARDWK	1180	LF	\$ 23.69	\$ 27,954.20	\$ 32.30	\$ 38,114.00
0	FURNISH & INSTALL 4.0" GALVANIZED RIGID CONDUIT TO TIMBER BOARDWK	545	LF	\$ 46.35	\$ 25,260.75	\$ 65.59	\$ 35,746.55
06750272	FURNISH ADDTNL CONDUIT WITHIN DIRBORE	6440	LF	\$ 3.09	\$ 19,899.60	\$ 9.41	\$ 60,600.40
6750275	1.0" SCHEDULE 80 PVC CONDUIT	350	LF	\$ 7.21	\$ 2,523.50	\$ 7.95	\$ 2,780.75
6750278	2.0" SCHEDULE 80 PVC CONDUIT	3145	LF	\$ 8.24	\$ 25,914.80	\$ 10.07	\$ 31,654.43
6760060	2" SCH 80 HDPE CONDUIT (TRENCHLESS)	4695	LF	\$ 16.48	\$ 77,373.60	\$ 19.37	\$ 90,942.15
6760085	6" SCH 80 HDPE CONDUIT (TRENCHLESS)	2145	LF	\$ 36.05	\$ 77,327.25	\$ 58.11	\$ 124,645.95
6770389	NO. 14 COPPER WIRE, 4 CONDUCTOR - GRAY	4160	LF	\$ 2.06	\$ 8,569.60	\$ 1.90	\$ 7,883.20
6770393	NO. 14 COPPER WIRE, 8 CONDUCTOR (BLACK)	9420	LF	\$ 2.16	\$ 20,347.20	\$ 2.28	\$ 21,477.60
6770416	CATEGORY 5 CABLE - SHIELDED	350	LF	\$ 2.06	\$ 721.00	\$ 2.14	\$ 749.00
6770470	FIBER OPTIC CABLE-SINGLE MODE	7800	LF	\$ 2.58	\$ 20,124.00	\$ 2.05	\$ 15,951.00
6770476	FIBER OPTIC INTERCONNECT CENTR	7	EA	\$ 1,545.00	\$ 10,815.00	\$ 1,296.00	\$ 9,072.00
6770480	FIB. OPTIC TRANSREC.(5MFO)	7	EA	\$ 3,090.00	\$ 21,630.00	\$ 1,572.00	\$ 11,004.00
6770482	FIBER OPTIC MODEM	7	EA	\$ 1,545.00	\$ 10,815.00	\$ 1,597.50	\$ 11,182.50
6770486	FIBEROPTIC REPAIR SPLICE OH/UG	7	EA	\$ 1,545.00	\$ 10,815.00	\$ 1,228.50	\$ 8,599.50
6770489	FURNISH & INSTALL SPREADSPECTRUM RADIO HUB ASSEMBLY (LOCAL)	18	EA	\$ 2,266.00	\$ 40,788.00	\$ 4,223.00	\$ 76,014.00
6770494	FLUSH MOUNTED WIRELESS SENSORS	291	EA	\$ 695.25	\$ 202,317.75	\$ 631.32	\$ 183,714.12
6770495	WIRELESS REPEATER	40	EA	\$ 1,545.00	\$ 61,800.00	\$ 1,861.50	\$ 74,460.00
6770496	RECEIVER (ACCESS POINT)	9	EA	\$ 1,236.00	\$ 11,124.00	\$ 2,304.50	\$ 20,740.50
6770497	MASTER CONTACT CLOSURE CARD	18	EA	\$ 3,605.00	\$ 64,890.00	\$ 4,122.00	\$ 74,196.00
6770498	CONTACT CLOSURE CARD	26	EA	\$ 721.00	\$ 18,746.00	\$ 726.96	\$ 18,900.83
6770499	MOUNT KIT ACCESS POINT/REPEAT.	58	EA	\$ 257.50	\$ 14,935.00	\$ 261.95	\$ 15,192.81
6770500	ACCESS BOX	18	EA	\$ 103.00	\$ 1,854.00	\$ 102.33	\$ 1,841.94
6770501	EPOXY TUBES	305	EA	\$ 154.50	\$ 47,122.50	\$ 89.54	\$ 27,308.18
6770505	FURNISH EXPOXY APPLICATOR	1	EA	\$ 206.00	\$ 206.00	\$ 158.21	\$ 158.21
6800499	ELECTRICAL SERVICE FOR TRAFFIC SIGNAL	7	EA	\$ 772.50	\$ 5,407.50	\$ 4,500.33	\$ 31,502.31
6800518	13"x24"x18"D.ELEC.FLUSH UNDGRD.ENCLOSURE (STR.POLY.CONC.)HD	32	EA	\$ 386.25	\$ 12,360.00	\$ 357.30	\$ 11,433.60
6845480	FURNISH & INSTALL 4" BREAK-AWAY ALUMINUM PEDESTAL POLE	12	EA	\$ 566.50	\$ 6,798.00	\$ 900.36	\$ 10,804.26
6865720	12" 4 SECTION SIGNAL HEAD	12	EA	\$ 669.50	\$ 8,034.00	\$ 799.30	\$ 9,591.60

BEAUFORT COUNTY ENGINEERING DIVISION

ENGINEER'S OPINION OF COST-US 21 BUSINESS/BOUNDARY STREET IMPROVEMENTS FROM NEIL TO GREENLAWN INCLUDING FIRST ST (PARALLEL RD)

ITEM	DESCRIPTION	QUANTITY	UNITS	Preferred Materials, Inc.		Engineer's Opinion	
				UNIT PRICE	PRICE	UNIT PRICE	PRICE
6865723	12" 3 SECTION SIGNAL HEAD	50	EA	\$ 618.00	\$ 30,900.00	\$ 646.71	\$ 32,335.25
6865761	F&I 1 WAY 1 SECT. HAND/MAN PED. SIGNAL AHEAD	18	EA	\$ 592.25	\$ 10,660.50	\$ 520.00	\$ 9,360.00
6865784	FURNISH & INSTALL 1-WAY-1SECT. PEDSTRN SIGNAL HD W/HAND/MAN COUNTDOWN LED MODULE & CLAMSHELL MOUNT FOR SIDE POLE (LEFT)	12	EA	\$ 592.25	\$ 7,107.00	\$ 645.65	\$ 7,747.74
6865785	FURNISH & INSTALL 1-WAY-1SECT. PEDSTRN SIGNAL HD W/HAND/MAN COUNTDOWN LED MODULE & CLAMSHELL MOUNT FOR SIDE POLE (RIGHT)	12	EA	\$ 592.25	\$ 7,107.00	\$ 650.80	\$ 7,809.54
6865796	F&I-PED PUSH BUT.SOLID STATE W/ LIGHT&TONE ASSEM 9"x12" & SIGN	40	EA	\$ 257.50	\$ 10,300.00	\$ 248.59	\$ 9,943.40
6865831	VEH.TRAF.SGNL.MTG./MAST ARM	62	EA	\$ 206.00	\$ 12,772.00	\$ 307.56	\$ 19,068.41
6865836	BCKPLT. W/ RETROREFL. BORDERS	62	EA	\$ 154.50	\$ 9,579.00	\$ 133.00	\$ 8,246.00
6865840	PEDEST.TRAF.SGNL.MTG/POST TOP	8	EA	\$ 154.50	\$ 1,236.00	\$ 87.60	\$ 700.80
6865841	PEDEST.TRAF.SGNL.MTG/SIDE POLE	40	EA	\$ 103.00	\$ 4,120.00	\$ 92.16	\$ 3,686.20
6865842	PEDEST.TRAF.SGNL.MTG/ DUAL POST TOP	5	EA	\$ 180.25	\$ 901.25	\$ 227.65	\$ 1,138.25
6885982	REMOVE FOUNDATION OF STEEL / RAIN POLE - 18" BELOW GRADE	1	LS	\$ 1,648.00	\$ 1,648.00	\$ 1,360.00	\$ 1,360.00
6885990	REMOVAL,SALVAGE,&DISP.OF EXISTING TRAF. SIGNAL EQUIPMENT	5	EA	\$ 772.50	\$ 3,862.50	\$ 1,070.00	\$ 5,350.00
6885992	TEMPORARY ADJUSTMENT OF TRAFFIC SIGNAL EQUIPMENT	7	EA	\$ 1,545.00	\$ 10,815.00	\$ 1,076.00	\$ 7,532.00
6885996	TEMPORARY TIMING ADJUSTMENTS PER SITE VISIT	7	EA	\$ 103.00	\$ 721.00	\$ 662.00	\$ 4,634.00
6886055	TRAFFIC ADAPTIVE SYSTEM	7	EA	\$ 46,350.00	\$ 324,450.00	\$ 29,573.00	\$ 207,011.00
6888167	POWDERCOATING PER MAST ARM OVER GALVANIZED	24	EA	\$ 1,854.00	\$ 44,496.00	\$ 1,402.00	\$ 33,648.00
6888168	DECORATIVE OPTION PER MAST ARM	24	EA	\$ 3,605.00	\$ 86,520.00	\$ 1,202.50	\$ 28,860.00
6888172	DES.FURN&INST.STLPOLEW/MASTARM w/o FOUNDATION	8	EA	\$ 15,450.00	\$ 123,600.00	\$ 16,041.00	\$ 128,328.00
6888174	INSTALL FOUNDATION FOR MAST ARM INCLUDING CONCRETE AND REBAR	16	EA	\$ 6,180.00	\$ 98,880.00	\$ 12,053.00	\$ 192,848.00
6888178	DESIGN, FURNISH & INSTALL STEEL POLE WITH TWIN MAST ARM W/O FOUNDATION	9	EA	\$ 17,510.00	\$ 157,590.00	\$ 21,702.50	\$ 195,322.50
6888225	FURNISH AND INSTALL CONTROLLER AND 332/336 CABINET - BASE MOUNTED	7	EA	\$ 13,390.00	\$ 93,730.00	\$ 1,336.30	\$ 9,354.10
7011401	CONC./STRUC-CL 4000(RET WALL)	130	CY	\$ 1,185.00	\$ 154,050.00	\$ 629.25	\$ 81,802.50
7031105	REINFORCING STEEL FOR STRUCTURE (RETAINING WALL)	1300	LB	\$ 2.06	\$ 2,678.00	\$ 5.00	\$ 6,500.00
7065080	TREATED STRUCTURAL TIMBER BOARDWALK	975	LF	\$ 331.66	\$ 323,368.50	\$ 442.23	\$ 431,169.38
7141113	18" RC PIPE CUL-CLASS III	12	LF	\$ 59.01	\$ 708.12	\$ 65.13	\$ 781.50
7141133	18" RC PIPE CUL-CLASS V	28	LF	\$ 61.40	\$ 1,719.20	\$ 70.00	\$ 1,960.00
7143615	15" SMOOTH WALL PIPE	58	LF	\$ 71.99	\$ 4,175.42	\$ 56.13	\$ 3,255.54
7143618	18" SMOOTH WALL PIPE	4159	LF	\$ 60.49	\$ 251,577.91	\$ 67.95	\$ 282,604.05
7143624	24" SMOOTH WALL PIPE	1327	LF	\$ 71.85	\$ 95,344.95	\$ 81.08	\$ 107,593.16
7143630	30" SMOOTH WALL PIPE	544	LF	\$ 104.00	\$ 56,576.00	\$ 163.62	\$ 89,009.28
7143636	36" SMOOTH WALL PIPE	720	LF	\$ 170.00	\$ 122,400.00	\$ 128.17	\$ 92,282.40
7143642	42" SMOOTH WALL PIPE	420	LF	\$ 195.00	\$ 81,900.00	\$ 374.10	\$ 157,122.00
7149999	CLEANING EXISTING PIPE	5650	LF	\$ 15.45	\$ 87,292.50	\$ 11.23	\$ 63,421.25
7182000	BRICK MASONRY (REINFORCED)	90	CY	\$ 1,236.00	\$ 111,240.00	\$ 1,278.00	\$ 115,020.00
7191005	CATCH BASIN -TYPE 1	26	EA	\$ 3,400.00	\$ 88,400.00	\$ 2,715.00	\$ 70,590.00
7191050	CATCH BASIN -TYPE 1 SPECIAL	1	EA	\$ 7,150.00	\$ 7,150.00	\$ 2,900.00	\$ 2,900.00
7191006	CATCH BASIN -TYPE 1 W 4X4 BOX	6	EA	\$ 3,880.00	\$ 23,280.00	\$ 3,435.50	\$ 20,613.00
7191605	CATCH BASIN -TYPE 16	30	EA	\$ 5,800.00	\$ 174,000.00	\$ 4,404.50	\$ 132,135.00
7191611	CATCH BASIN -TYPE 16 WITH MODIFIED BOX (NO. 1)	2	EA	\$ 8,590.00	\$ 17,180.00	\$ 6,500.00	\$ 13,000.00
7191625	CATCH BASIN -TYPE 17	22	EA	\$ 6,485.00	\$ 142,670.00	\$ 4,476.50	\$ 98,483.00
7191631	CATCH BASIN -TYPE 17 WITH MODIFIED BOX (NO.1)	5	EA	\$ 7,260.00	\$ 36,300.00	\$ 6,500.00	\$ 32,500.00
7191632	CATCH BASIN -TYPE 17 WITH MODIFIED BOX (NO.2)	1	EA	\$ 8,080.00	\$ 8,080.00	\$ 6,500.00	\$ 6,500.00
7191633	CATCH BASIN -TYPE 17 WITH MODIFIED BOX (NO.3)	2	EA	\$ 8,010.00	\$ 16,020.00	\$ 6,500.00	\$ 13,000.00
7191650	CATCH BASIN -TYPE 18	8	EA	\$ 8,350.00	\$ 66,800.00	\$ 5,431.50	\$ 43,452.00
7192010	DROP INLET (24" X 24")	17	EA	\$ 2,073.00	\$ 35,241.00	\$ 2,082.00	\$ 35,394.00
7192020	DROP INLET (24" X 36")	32	EA	\$ 2,580.00	\$ 82,560.00	\$ 2,129.00	\$ 68,128.00
7192105	MANHOLE	31	EA	\$ 3,170.00	\$ 98,270.00	\$ 2,837.00	\$ 87,947.00

BEAUFORT COUNTY ENGINEERING DIVISION

ENGINEER'S OPINION OF COST-US 21 BUSINESS/BOUNDARY STREET IMPROVEMENTS FROM NEIL TO GREENLAWN INCLUDING FIRST ST (PARALLEL RD)

ITEM	DESCRIPTION	QUANTITY	UNITS	Preferred Materials, Inc.		Engineer's Opinion	
				UNIT PRICE	PRICE	UNIT PRICE	PRICE
7192107	MANHOLE WITH STANDARD 4' X 4' BOX	2	EA	\$ 3,640.00	\$ 7,280.00	\$ 5,500.00	\$ 11,000.00
7192108	MANHOLE WITH STANDARD 5' X 5' BOX	4	EA	\$ 3,640.00	\$ 14,560.00	\$ 5,994.50	\$ 23,978.00
7192260	48" X 48" JUNCTION BOX	3	EA	\$ 3,355.00	\$ 10,065.00	\$ 4,587.00	\$ 13,761.00
7195551	MANUFACTURED STORMWATER TREATMENT DEVICE (MTD) TYPE I	5	EA	\$ 57,770.00	\$ 288,850.00	\$ 61,820.00	\$ 309,100.00
7196000	EXTRA DEPTH OF BOX	32	LF	\$ 256.00	\$ 8,192.00	\$ 326.00	\$ 10,432.00
7197110	ADJUST CATCH BASIN	5	EA	\$ 3,085.00	\$ 15,425.00	\$ 2,322.00	\$ 11,610.00
7198292	CATCH BASIN T-17 (CONVERT CB, TYPE 6)	7	EA	\$ 5,215.00	\$ 36,505.00	\$ 3,715.00	\$ 26,005.00
7198420	MANHOLE-CONVERT D.I. 24" X 36"	4	EA	\$ 4,475.00	\$ 17,900.00	\$ 2,614.50	\$ 10,458.00
7198495	MANHOLE-CONVERT CATCH BASIN	6	EA	\$ 4,751.00	\$ 28,506.00	\$ 2,336.00	\$ 14,016.00
7201000	CONCRETE CURB (9" X 15")	15700	LF	\$ 22.66	\$ 355,762.00	\$ 17.01	\$ 266,978.50
7201001	CONCRETE HEADER CURB (SPECIAL DETAIL)	2200	LF	\$ 26.78	\$ 58,916.00	\$ 21.30	\$ 46,860.00
7203110	CONC CURB & GUTTER (1'-6") VERT.	13225	LF	\$ 22.66	\$ 299,678.50	\$ 19.17	\$ 253,523.25
7203120	CONC. C & G (1'-6") SLOPING	800	LF	\$ 22.66	\$ 18,128.00	\$ 19.17	\$ 15,336.00
7204100	CONCRETE SIDEWALK (4" UNIFORM)	10745	SY	\$ 49.44	\$ 531,232.80	\$ 41.54	\$ 446,293.58
7204900	DETECTABLE WARNING MATERIAL	913	SF	\$ 61.80	\$ 56,423.40	\$ 33.17	\$ 30,284.21
7205000	CONCRETE DRIVEWAY (6" UNIFORM)	3750	SY	\$ 70.04	\$ 262,650.00	\$ 57.51	\$ 215,662.50
7206000	CONCRETE MEDIAN	405	SY	\$ 70.04	\$ 28,366.20	\$ 57.51	\$ 23,291.55
7207000	CONCRETE FLUME	2	EA	\$ 824.00	\$ 1,648.00	\$ 426.00	\$ 852.00
7209000	PEDESTRIAN RAMP CONSTRUCTION	1825	SY	\$ 195.70	\$ 357,152.50	\$ 140.58	\$ 256,558.50
7209100	SURFACE APPLIED DETECTABLE WARNING	40	SF	\$ 51.50	\$ 2,060.00	\$ 26.21	\$ 1,048.40
8020100	PLANTED MEDIAN SUBSURFACE DRAINAGE	4455	SY	\$ 72.93	\$ 324,903.15	\$ 69.38	\$ 309,065.63
8021204	4" PERFORATED PIPE UNDERDRAIN	352	LF	\$ 38.10	\$ 13,411.20	\$ 30.75	\$ 10,822.24
8041020	RIP-RAP (CLASS B)	60	TON	\$ 101.28	\$ 6,076.80	\$ 112.16	\$ 6,729.30
8048200	GEOTEXTILE FOR EROSION CONTROL UNDER RIPRAP (CLASS 2) TYPE A	60	SY	\$ 4.51	\$ 270.60	\$ 7.71	\$ 462.60
8068142	ORNAMENTAL STEEL PICKET FENCE, 42"	290	LF	\$ 51.50	\$ 14,935.00	\$ 50.50	\$ 14,645.00
8071000	RESET FENCE	661	LF	\$ 15.45	\$ 10,212.45	\$ 23.88	\$ 15,781.38
8080000	MOVING ITEMS	NEC	LS	\$ 92,700.00	\$ 92,700.00	\$ 90,350.00	\$ 90,350.00
8090050	RIGHT OF WAY REPORT	NEC	LS	\$ 515.00	\$ 515.00	\$ 5,757.50	\$ 5,757.50
8091010	RIGHT OF WAY MARKER (REBAR&CAP)	218	EA	\$ 56.65	\$ 12,349.70	\$ 72.15	\$ 15,728.70
8091050	RIGHT OF WAY PLAT	NEC	LS	\$ 9,373.00	\$ 9,373.00	\$ 9,846.50	\$ 9,846.50
8100100	PERMANENT COVER	3.35	ACRE	\$ 1,854.00	\$ 6,210.90	\$ 1,477.00	\$ 4,947.95
8100200	TEMPORARY COVER	1.675	ACRE	\$ 1,236.00	\$ 2,070.30	\$ 1,030.50	\$ 1,726.09
8104005	FERTILIZER (NITROGEN)	335	LB	\$ 3.09	\$ 1,035.15	\$ 2.07	\$ 693.45
8104010	FERTILIZER (PHOSPHORIC ACID)	335	LB	\$ 3.09	\$ 1,035.15	\$ 2.07	\$ 693.45
8104015	FERTILIZER (POTASH)	335	LB	\$ 3.09	\$ 1,035.15	\$ 2.07	\$ 693.45
8105005	AGRICULTURAL GRANULAR LIME	6700	LB	\$ 0.41	\$ 2,747.00	\$ 0.28	\$ 1,876.00
8109001	SOIL TEST	3	EA	\$ 103.00	\$ 309.00	\$ 120.50	\$ 361.50
8109050	SELECTIVE WATERING	72370	GAL	\$ 0.13	\$ 9,408.10	\$ 0.10	\$ 7,237.00
8109901	MOWING	9.05	ACRE	\$ 257.50	\$ 2,330.38	\$ 197.75	\$ 1,789.64
8110220	DOUBLE-SHREDDED HARDWOOD MULCH	21150	SF	\$ 0.67	\$ 14,170.50	\$ 0.39	\$ 8,142.75
8112000	5.0 ONCE WEED FABIC	32475	SF	\$ 0.26	\$ 8,443.50	\$ 0.25	\$ 7,956.38
8110003	LANDSCAPING ITEM NO.1	176	EA	\$ 419.21	\$ 73,780.96	\$ 570.50	\$ 100,408.00
8110003	LANDSCAPING ITEM NO.2	53	EA	\$ 339.90	\$ 18,014.70	\$ 337.00	\$ 17,861.00
8110003	LANDSCAPING ITEM NO.3	79	EA	\$ 37.08	\$ 2,929.32	\$ 23.25	\$ 1,836.75
8110003	LANDSCAPING ITEM NO.4	215	EA	\$ 45.32	\$ 9,743.80	\$ 27.03	\$ 5,810.38
8110003	LANDSCAPING ITEM NO.5	2171	EA	\$ 5.90	\$ 12,808.90	\$ 5.98	\$ 12,971.73
8110003	LANDSCAPING ITEM NO.6	5778	EA	\$ 5.90	\$ 34,090.20	\$ 5.23	\$ 30,218.94
8110003	LANDSCAPING ITEM NO.7	292	EA	\$ 15.60	\$ 4,555.20	\$ 26.20	\$ 7,648.94
8110003	LANDSCAPING ITEM NO.8	462	EA	\$ 5.90	\$ 2,725.80	\$ 9.11	\$ 4,206.51
8110003	LANDSCAPING ITEM NO.9	10739	EA	\$ 6.03	\$ 64,756.17	\$ 5.19	\$ 55,681.72
8115500	TREE WATERING BAG SYSTEM	282	EA	\$ 487.19	\$ 137,387.58	\$ 34.34	\$ 9,682.47

BEAUFORT COUNTY ENGINEERING DIVISION

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ITEM	DESCRIPTION	QUANTITY	UNITS	Preferred Materials, Inc.		Engineer's Opinion	
				UNIT PRICE	PRICE	UNIT PRICE	PRICE
8151112	TEMPORARY EROSION CONTROL BLANKET (CLASS B)	0.056	MSY	\$ 2,575.00	\$ 144.20	\$ 1,947.50	\$ 109.06
8151201	HYDRAULIC EROSION CONTROL PRODUCT (HECP) - TYPE 1	3.35	ACRE	\$ 515.00	\$ 1,725.25	\$ 515	\$ 1,725.25
8152004	INLET STRUCTURE FILTER - TYPE F (WEIGHTED)	1342	LF	\$ 10.21	\$ 13,701.82	\$ 13.19	\$ 17,700.98
8152006	INLET STRUCTURE FILTER- TYPE F (NON-WEIGHTED)	1128	LF	\$ 9.55	\$ 10,772.40	\$ 8.93	\$ 10,067.40
8152007	SEDIMENT TUBES FOR DITCH CHECKS	182	LF	\$ 8.08	\$ 1,470.56	\$ 8.93	\$ 1,624.35
8153000	SILT FENCE	14304	LF	\$ 2.01	\$ 28,751.04	\$ 2.53	\$ 36,189.12
8153090	REPLACE/REPAIR SILT FENCE	1431	LF	\$ 2.47	\$ 3,534.57	\$ 4.26	\$ 6,096.06
8154000	SILT BASINS	103	CY	\$ 22.51	\$ 2,318.53	\$ 20.47	\$ 2,107.90
8154010	CLEANING SILT BASINS	375	CY	\$ 21.53	\$ 8,073.75	\$ 26.34	\$ 9,875.63
8154050	REMOVAL OF SILT RETAINED BY SILT FENCE	3871	LF	\$ 3.07	\$ 11,883.97	\$ 4.56	\$ 17,632.41
8156210	INLET STRUCTURE FILTER - TYPE B	49	EA	\$ 420.00	\$ 20,580.00	\$ 172.84	\$ 8,468.92
8156300	SEDIMENT DAM RIPRAP	232	TON	\$ 101.56	\$ 23,561.92	\$ 109.93	\$ 25,502.60
8156405	AGGREGATE NO.5 FOR EROSION CONTROL (6" UNIFORM)	46	SY	\$ 30.12	\$ 1,385.52	\$ 35.35	\$ 1,626.10
8156490	STABILIZED CONSTRUCTION ENTRANCE	2300	SY	\$ 22.88	\$ 52,624.00	\$ 24.47	\$ 56,269.50
XXXXXXX	MEDIAN BIO SWALE	815	SY	\$ 133.00	\$ 108,395.00	\$ 100.00	\$ 81,500.00
B990097	UTILITY DUCT BANK SYSTEM	14350	LF	\$ 191.58	\$ 2,749,173.00	\$ 237.50	\$ 3,408,125.00
B990393	PERMEABLE INTERLOCKING CONCRETE PAVERS	372	SF	\$ 15.45	\$ 5,747.40	\$ 16.75	\$ 6,975.00
9510900	AS-BUILD CONSTRUCTION PLANS	1	LS	\$ 22,660.00	\$ 22,660.00	\$ 34,530.00	\$ 34,530.00
	PROJECT SUBTOTAL COST				\$ 18,765,274.84		\$ 20,094,355.97

This is an accurate Abstract of Bid submitted July 7, 2015.

Donald L Williams

Project Manager - Reviewer

To the best of my knowledge, information and belief, this bid tabulation is any accurate summary of the bid received on July 7, 2015.

Doyle D. Kelley, Jr.

Certified by Doyle D. Kelley, Jr., P.E.

FE Registration # 19083 / Thomas & Hutton

DISADVANTAGED BUSINESS ENTERPRISES (DBE)
COMMITAL SHEET

Information must be shown on this sheet as required by the supplemental specifications entitled "Instructions to Bidders - Federal Projects" and "Disadvantaged Business Enterprises (DBE) - Federal Projects" included in this proposal.

FAILURE TO PROVIDE ALL INFORMATION REQUIRED ON THIS FORM MAY RESULT IN THE AWARD BEING MADE TO THE NEXT LOWEST RESPONSIBLE BIDDER.

1 Name & Address of DBE's (Subcontractor or Supplier)	2 Percent †	3 Description of Work and Approximate Quantity 6 (show percent when appropriate)				5 Dollar Value
		Item	Qty.	Unit	4 Unit Price	
W. M. ROEBUCK, INC 4850 FISH HATCHERY RD LEXINGTON, SC 29073	14.90	See attached				2,796,342 ⁰⁰

- 1 The designation of Firm A and/or B is not considered acceptable. I hereby certify that this company has communicated with and received quotes from the DBE's listed above and that they are willing to perform the work as listed above and that this company is committed to utilizing the above firm(s) on this contract.
- 2 Percent - show percent of total contract amount committed to each DBE listed.
- 3 All information requested must be included unless item is listed in proposal on a lump sum basis.
- 4 Unit Price - show unit price quoted by DBE.
- 5 Dollar Value - extended amount based on Quantity and Unit Price.
- 6 Applies to lump sum items only.

This form may be reproduced or additional sheets added in order to provide all requested information. (See Instructions to Bidders - Federal Projects).

SWORN to before me 7th
day of July, 2015

Pamela M. Sahr (Seal)

Notary Public
My Commission Expires April 18, 2017

Preferred Materials, Inc.
Company

By: Grant Peterson

Title: Authorized Employee



COUNTY COUNCIL OF BEAUFORT COUNTY
BEAUFORT COUNTY ENGINEERING DEPARTMENT
104 Industrial Village Road, Building #3, Beaufort, SC 29906
Post Office Drawer 1228, Beaufort, SC 29901-1228
Telephone: 843-255-2700 Facsimile: 843-255-9420

TO: Councilman Gerald Dawson, Chairman, Public Facilities Committee

VIA: Gary Kubic, County Administrator *GKubic*
William Prokop, City Manager *WProkop*
Josh Gruber, Deputy County Administrator *JGruber*
Alicia Holland, Assistant County Administrator for Finance *AH*
Kathy Todd, City Finance Director *KMT*

FROM: Robert McFee PE, Division Director of Construction Engineering & Facilities *Robert McFee*

SUBJ: **Boundary Street Redevelopment Construction Management & Construction Engineering Inspection Services RFP # 053015E**

DATE: August 25, 2015

BACKGROUND. Beaufort County issued a Request for Proposals from qualified firms to provide CM/CEI Services for the Boundary Street Redevelopment as part of the TIGER Grant/County 1% Sales Tax project. The following two firms submitted qualifications and proposals on June 2, 2015 for this work.

	<u>Proposal Amount</u>
Infrastructure Consulting & Engineering (ICE), 26 John Gault Road, Beaufort, SC	\$1,968,800
RY Design Services, LLC, North Augusta, SC	\$ 150,000

The qualifications-based selection process for professional services differs from a typical proposal, in that the proposers detail their qualifications and outline how they would accomplish the project within a specified budget amount. In this regard, proposals are reviewed on the basis of the qualifications and proposal scope rather than on the lowest price. A selection committee consisting of the City Manager, City Finance Director, City Senior CIP Manager, County Division Director of Construction Engineering & Facilities, and SCDOT Project Engineer reviewed and evaluated the proposals.

As a result of the proposal evaluations, the selection committee chose ICE as the proposer providing the most qualified CM/CEI services approach for this project. ICE has in-depth knowledge of roadway construction and extensive experience with SCDOT projects and project requirements. ICE has provided CM/CEI services for numerous projects across the state as well as the widening of US 278 and SC 170 in Beaufort County. Also, ICE is currently an SCDOT on call CM/CEI consultant.

SMB OUTREACH PLAN. This solicitation sought proposals only and did not require proposers to seek quotes from potential local small and minority subcontractors.

On the basis of the qualification of the firm and the value offered, the selection committee recommends award of the CM/CEI Services for Boundary Street Redevelopment to ICE in the amount of \$1,968,800.

AA **FUNDING.** Please see the attached August 20, 2015 Boundary Street/Parallel Road Funding Financial Worksheet.

ACTION. Public Facilities Committee Meeting on August 31, 2015.

RECOMMENDATION. The Public Facilities Committee approve and recommend to County Council approval of a contract award to ICE for CM/CEI Service for the Boundary Street Redevelopment project for a total contract amount of \$1,968,800.

JRM/mjh

Attachments: 1) 8/20/15 Boundary Street/Parallel Road Funding Financial Worksheet
2) ICE Price Proposal & Certification

cc: Monica Spells, Assistant County Administrator for Civic Engagement *Spells*
Dave Thomas, Purchasing Director *DT*

BOUNDARY STREET AND PARALLEL ROAD
FUNDING BY SOURCE COMPARED TO PROJECT BUDGET
AS OF AUGUST 20, 2015

		Original Budget 2012	Budget Amended as of June 30, 2015	Budget Amended as of August 20, 2015
<u>Funding Sources</u>				
Federal Grant		\$ 12,635,000	\$ 12,635,000	\$ 12,635,000
Beaufort County Sales Tax Fund		11,346,115	11,346,115	11,346,115
Beaufort County Road Impact Fees		300,000	300,000	1,369,243
City of Beaufort TIF II		2,912,695	6,964,853	8,223,000
Total Funding Sources		<u>\$ 27,193,810</u>	<u>\$ 31,245,968</u>	<u>\$ 33,573,358</u>
<u>Project Budget</u>				
<u>BOUNDARY STREET</u>				
SC 170 Realignment				
	ROW	\$ 500,000	\$ 423,949	\$ 423,949
	Construction	3,500,000	-	-
Multi Use Path				
	ROW	200,000	376,120	376,120
	Construction	900,000	-	-
Multiway Boulevard				
	ROW	3,000,000	2,750,439	2,750,125
	Construction	9,297,000	14,665,275	14,665,275
	Duct Bank	2,900,000	-	-
Pre-Grant Expenditures		1,700,695	1,700,695	1,700,695
Engineering and other costs		-	-	1,230,045
Construction, Engineering and Inspection (CEI)		1,200,000	1,200,000	1,968,800
Contingency for Utilities		-	2,300,000	2,300,000
Project Contingency		-	1,242,780	1,637,139
Boundary Street subtotal		<u>23,197,695</u>	<u>24,659,258</u>	<u>27,052,148</u>
<u>PARALLEL ROAD</u>				
	ROW	1,300,000	1,340,595	1,167,766
	Construction	1,500,000	4,100,000	4,100,000
Pre-Grant Expenditures		746,115	746,115	746,115
Project Contingency		-	400,000	500,000
Engineering and other costs		-	-	7,329
Duct Bank		450,000	-	-
Parallel Road subtotal		<u>3,996,115</u>	<u>6,586,710</u>	<u>6,521,210</u>
Total Project Budget		<u>\$ 27,193,810</u>	<u>\$ 31,245,968</u>	<u>\$ 33,573,358</u>

RFP NO. 053015E

EXHIBIT A

PAGE 1 of 3

PRICE PROPOSAL AND CERTIFICATION

The undersigned Infrastructure Consulting & Engineering, PLLC, having carefully examined the information
(Name of Offeror)

contained in the Beaufort County RFP Number # 053015E dated June 2, 2015, proposes to provide road, roadway inspection and project management services to Beaufort County Government, as outlined in this proposal, at the price and project time specified below:

Price: \$1,968,800.35

In compliance with the Request for Proposal # 053015E, and subject to all conditions thereof, the undersigned agrees:

- (a) This quote, as stated, is open for acceptance for a period of 90 calendar days from the date of opening; and
- (b) To furnish all services, materials, and equipment necessary and incidental to perform the subject audits.

CERTIFICATION

CONTRACTOR

HAS A FEDERAL AGENCY OR A FEDERALLY CERTIFIED STATE OR LOCAL AGENCY PERFORMED ANY REVIEW OF YOUR ACCOUNTS OR RECORDS IN CONNECTION WITH ANY GRANT OR CONTRACT WITHIN ANY GRANT OR CONTRACT WITHIN THE PAST TWELVE MONTHS?

YES

NO

(IF "YES" GIVE NAME, ADDRESS, AND TELEPHONE NUMBER OF REVIEWING OFFICE.)

RFP NO. 053015EEXHIBIT APAGE 2 of 3

This proposal is submitted for use in connection with and in response to Beaufort County RFP # 053015E. This is to certify, to the best of my knowledge and belief, that the cost and pricing data summarized herein are complete, current, and accurate as of June 2, 2015, and that a financial accounting capability exists to fully and accurately account for the financial transactions under this project. I further certify that I understand that the sub-agreement price may be subject to downward renegotiation and/or recoupment where the above cost and pricing data have been determined, as a result of audit, not to have been complete, current, and accurate as of the date above.

This cost proposal is made without prior understanding, agreement, or connections with any corporation, firm, or person submitting a proposal for the same service and is in all respect fair and without collusion or fraud. I agree to abide by all conditions of this proposal and certify that I am authorized to sign this proposal.

Signature of Offeror's Representative authorized to enter into contract with Beaufort County Council:

FIRM NAME: Infrastructure Consulting & Engineering, PLLC

BY: William L Coleman DATE: June 2, 2015
(Signature)

TYPE/PRINT: William L Coleman, III, P.E. COO/ Executive Vice President
(Name) (Title)

ADDRESS: 1691 Turnbull Ave
(Street Address and/or P. O. Box Number)

North Charleston SC 29405
(City) (State) (Zip Code)

PHONE: (843) 266-3581 (843) 200-6196
(Area Code) Phone Number (Area Code) Phone Number

FEDERAL ID#: 45-3175330 S.C. TAX #: N/A

EXHIBIT A

IS YOUR FIRM:

1.	SOLE PROPRIETORSHIP	<u> </u>	YES	<u> </u>	NO
2.	PARTNERSHIP	<u> X </u>	YES	<u> </u>	NO
3.	CORPORATION	<u> </u>	YES	<u> </u>	NO

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Man-Hour Estimated Costs

Position:	Hrs/Wk:	Weeks:	Rate:	Totals:
Project Manager (O)	5	104	\$67.00	\$34,840.00
CEI Manager (F)	40	104	\$62.00	\$257,920.00
Lead Inspector (F)	45	104	\$29.00	\$135,720.00
Senior Inspector (F)	45	87	\$27.00	\$105,705.00
Inspector (F)	45	15	\$25.00	\$16,875.00
Engineering Support (O)	2	52	\$55.00	\$5,720.00
CPM Schedule Review (O)	1	104	\$53.00	\$5,512.00
Survey Manager (PLS) (O)	2	104	\$51.00	\$10,608.00
Surveying Support (2-man crew) (F)	4	96	\$63.50	\$24,384.00
Utility Coordination (O)	2	26	\$54.00	\$2,808.00
Document Control (F)	40	104	\$22.00	\$91,520.00
(F) - Field Labor / (O) - Office Labor				\$691,612.00

Direct Costs

Item:	Quantity:	Months:	Cost:	Totals:
Internet Cards	3	24	\$75.00	\$5,400.00
Vehicle	3	24	\$975.00	\$70,200.00
Mileage (For Survey & Support)	1080	24	\$0.55	\$14,256.00
Lodging	2	24	\$1,300.00	\$62,400.00
Field Office (Furnished w/ services)	1	24	\$2,250.00	\$54,000.00
Nuclear Gauge	1	24	\$275.00	\$6,600.00
*Misc. Equipment (Office & Field)	1	24	\$200.00	\$4,800.00
				\$217,656.00

* Misc. Equipment - May include office items, measuring tapes, scales, paint, safety equipment, shovels, manuals, additional material testing supplies, etc.

Additional Contract Requirements

Laboratory / Testing Allowance (back-up list to be provided)	\$25,000.00
--	--------------------

Total Estimated Cost	Total Labor:	\$691,612.00
	Field Labor:	\$632,124.00
	Field OH (123%):	\$777,512.52
	Office Labor:	\$59,488.00
	Office OH (163%):	\$96,965.44
	Labor + Overhead:	\$1,566,089.96
	Profit (10%):	\$156,609.00
	FCC (.22%):	\$3,445.40
	Direct Expenses:	\$242,656.00
	Total Estimated Cost:	<u>\$1,968,800.35</u>



COUNTY COUNCIL OF BEAUFORT COUNTY
PURCHASING DEPARTMENT

106 Industrial Village Road
Post Office Drawer 1228
Beaufort, South Carolina 29901-1228

TO: Councilman Stu Rodman, Chairman, Governmental Committee

FROM: Dave Thomas, CPPO, Purchasing Director *dt*

SUBJ: **Contract Award Recommendation for IFB# 080715HXD: RWY 03 Obstruction Removal**

DATE: August 31, 2015

BACKGROUND: Beaufort County issued an Invitation for Bids (IFB) to contractors capable of providing the requisite services associated with removing obstructions that currently penetrate the Runway 03 aircraft approach surfaces. Execution of this project allows the airport to operate more efficiently because operational constraints can be removed when the surfaces are free of penetrations. The bids were reviewed and evaluated by staff and it was determined that State Tree Service of Sumter, SC, was the lowest responsible/responsive bidder.

These projects are being undertaken in accordance with the Hilton Head Island Airport Master Plan as approved by County Council in October, 2010.

VENDOR BID INFORMATION:

	<u>COST:</u>
1. State Tree Service, LLC, Sumter, SC	\$377,700
2. Santee Modular Homes, Inc. Santee, SC	\$387,405
3. Allcare Tree Surgery, Inc. Hilton Head Island, SC	\$433,116
4. Thunder Disaster Services, Inc. Waynesville, NC	\$435,850
5. FA Bartlett Tree Expert Co. Hilton Head Island, SC	\$625,031
6. L-J, Inc. Columbia, SC	\$685,180
7. Graham County Land Co., LLC, Robbinsville, NC	\$794,852

CONSTRUCTION ADMIN, RESIDENT PROJECT REPRESENTATIVE:

Talbert, Bright, and Ellington, Charlotte, NC	\$209,084
Grand Total	\$586,784

dt **FUNDING:** 90% via FAA Grant 38 (pending), 5% via SCAC Grant (pending) , 5% via Hilton Head Airport Capital Projects Fund

FOR ACTION: Governmental Committee meeting occurring August 31, 2015.

RECOMMENDATION: The Governmental Committee approve and recommend to County Council the contract award to State Tree Service, LLC of Sumter, SC, to perform the required construction services for a total cost of \$377,700 and the construction administration fee of \$209,084 to Talbert, Bright, and Ellington.

CC: Gary Kubic, County Administrator *GKubic*
Joshua Gruber, Deputy County Administrator/Special Counsel
Alicia Holland, Asst. Co. Administrator, Finance *dt*
Colin Kinton, Director Transportation Engineering
Jon Rembold, Emergency Medical Services Director

Att: Bid Tab

BID TABULATION
 RUNWAY 3 APPROACH TREE OBSTRUCTION REMOVAL
 HILTON HEAD ISLAND AIRPORT
 TBI PROJECT NO. 2119-1204
 AUGUST 19, 2015

Page 1 of 3

					State Tree Service LLC Sumter, SC 29150		Santee Modular Homes, Inc. Santee, SC 29142		Allcare Tree Surgery, Inc. Hilton Head, SC 29925	
ITEM NO.	SPEC NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXT. TOTAL	UNIT PRICE	EXT. TOTAL	UNIT PRICE	EXT. TOTAL
1	P-150	MOBILIZATION	1	LS	\$30,000.00	\$30,000.00	\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00
2	S-102	TRIMMING OF PINE TREES (6" DBH AND GREATER)	223	EA	\$500.00	\$111,500.00 *	\$250.00	\$55,750.00	\$425.00	\$94,775.00
3	S-102	TRIMMING OF HARDWOOD TREES (LESS THAN TEN FEET)	165	EA	\$100.00	\$16,500.00	\$300.00	\$49,500.00	\$459.39	\$75,799.35 *
4	S-102	TRIMMING OF HARDWOOD TREES (TEN FEET UP TO TWENTY FEET)	81	EA	\$300.00	\$24,300.00	\$325.00	\$26,325.00	\$658.27	\$53,319.87 *
5	S-102	TRIMMING OF HARDWOOD TREES (TWENTY FEET AND GREATER)	12	EA	\$600.00	\$7,200.00	\$340.00	\$4,080.00	\$1,386.66	\$16,639.92 *
6	S-102	REMOVAL OF PINE TREES (6-INCH AND GREATER DBH)	104	EA	\$500.00	\$52,000.00	\$500.00	\$52,000.00	\$700.00	\$72,800.00
7	S-102	REMOVAL OF HARDWOOD TREES (6-INCH UP TO 12-INCH DBH)	15	EA	\$300.00	\$4,500.00	\$540.00	\$8,100.00	\$881.17	\$13,217.55 *
8	S-102	REMOVAL OF HARDWOOD TREES (12-INCH UP TO 24-INCH DBH)	26	EA	\$700.00	\$18,200.00	\$750.00	\$19,500.00	\$675.00	\$17,550.00
9	S-102	REMOVAL OF HARDWOOD TREES (24-INCH AND GREATER DBH)	2	EA	\$1,200.00	\$2,400.00	\$1,200.00	\$2,400.00	\$950.00	\$1,900.00
10	S-102	GRIND STUMP OF REMOVED TREE	142	EA	\$50.00	\$7,100.00	\$150.00	\$21,300.00	\$75.00	\$10,650.00
11	S-103	SURVEYING	1	LS	\$80,000.00	\$80,000.00	\$130,000.00	\$130,000.00	\$58,375.00	\$58,375.00
12	SPEC	TRAFFIC CONTROL	1	LS	\$22,000.00	\$22,000.00	\$5,000.00	\$5,000.00	\$8,250.00	\$8,250.00
13	S-2950.1	PLANTING OF YAUPON HOLLY – 25 GALLON SIZE	10	EA	\$100.00	\$1,000.00	\$775.00	\$7,750.00	\$450.00	\$4,500.00
14	S-2950.2	PLANTING OF DAHOON HOLLY – 25 GALLON SIZE	4	EA	\$250.00	\$1,000.00	\$550.00	\$2,200.00	\$585.00	\$2,340.00
TOTAL BID AMOUNT:						\$377,700.00 *		\$387,405.00		\$433,116.69 *

DBE SUBCONTRACTOR AMOUNT

\$80,000.00

\$130,000.00

\$58,375.00

DBE PERCENTAGE OF TOTAL BID AMOUNT

21.18% *

33.56%

13.48% *

* Denotes math error corrected.

BID TABULATION
 RUNWAY 3 APPROACH TREE OBSTRUCTION REMOVAL
 HILTON HEAD ISLAND AIRPORT
 TBI PROJECT NO. 2119-1204
 AUGUST 19, 2015

Page 2 of 3

					Thunder Disaster Services, Inc. Waynesville, NC 28276		The F.A. Bartlett Tree Expert Co. Hilton Head, SC 29926		L-J, Inc. Columbia, SC 29210	
ITEM NO.	SPEC NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXT. TOTAL	UNIT PRICE	EXT. TOTAL	UNIT PRICE	EXT. TOTAL
1	P-150	MOBILIZATION	1	LS	\$15,000.00	\$15,000.00	\$36,500.00	\$36,500.00	\$29,500.00	\$29,500.00
2	S-102	TRIMMING OF PINE TREES (6" DBH AND GREATER)	223	EA	\$300.00	\$66,900.00	\$263.00	\$58,649.00	\$1,100.00	\$245,300.00
3	S-102	TRIMMING OF HARDWOOD TREES (LESS THAN TEN FEET)	165	EA	\$275.00	\$45,375.00	\$350.00	\$57,750.00	\$700.00	\$115,500.00
4	S-102	TRIMMING OF HARDWOOD TREES (TEN FEET UP TO TWENTY FEET)	81	EA	\$375.00	\$30,375.00	\$785.00	\$63,585.00	\$1,050.00	\$85,050.00
5	S-102	TRIMMING OF HARDWOOD TREES (TWENTY FEET AND GREATER)	12	EA	\$1,000.00	\$12,000.00	\$1,050.00	\$12,600.00	\$1,725.00	\$20,700.00
6	S-102	REMOVAL OF PINE TREES (6-INCH AND GREATER DBH)	104	EA	\$1,000.00	\$104,000.00	\$1,175.00	\$122,200.00	\$575.00	\$59,800.00
7	S-102	REMOVAL OF HARDWOOD TREES (6-INCH UP TO 12-INCH DBH)	15	EA	\$750.00	\$11,250.00	\$175.00	\$2,625.00	\$920.00	\$13,800.00
8	S-102	REMOVAL OF HARDWOOD TREES (12-INCH UP TO 24-INCH DBH)	26	EA	\$1,250.00	\$32,500.00	\$285.00	\$7,410.00	\$1,380.00	\$35,880.00
9	S-102	REMOVAL OF HARDWOOD TREES (24-INCH AND GREATER DBH)	2	EA	\$3,000.00	\$6,000.00	\$875.00	\$1,750.00	\$2,700.00	\$5,400.00
10	S-102	GRIND STUMP OF REMOVED TREE	142	EA	\$225.00	\$31,950.00	\$58.00	\$8,236.00	\$220.00	\$31,240.00
11	S-103	SURVEYING	1	LS	\$50,000.00	\$50,000.00	\$240,500.00	\$240,500.00	\$24,150.00	\$24,150.00
12	SPEC	TRAFFIC CONTROL	1	LS	\$20,000.00	\$20,000.00	\$7,500.00	\$7,500.00	\$17,250.00	\$17,250.00
13	S-2950.1	PLANTING OF YAUPON HOLLY – 25 GALLON SIZE	10	EA	\$750.00	\$7,500.00	\$409.00	\$4,090.00	\$115.00	\$1,150.00
14	S-2950.2	PLANTING OF DAHOON HOLLY – 25 GALLON SIZE	4	EA	\$750.00	\$3,000.00	\$409.00	\$1,636.00	\$115.00	\$460.00
TOTAL BID AMOUNT:						\$435,850.00		\$625,031.00		\$685,180.00

DBE SUBCONTRACTOR AMOUNT

\$0.00

\$0.00

\$42,000.00

DBE PERCENTAGE OF TOTAL BID AMOUNT

0.00% *

0.00%

6.13%

* Denotes math error corrected.

BID TABULATION
 RUNWAY 3 APPROACH TREE OBSTRUCTION REMOVAL
 HILTON HEAD ISLAND AIRPORT
 TBI PROJECT NO. 2119-1204
 AUGUST 19, 2015

Page 3 of 3

					Graham County Land Co. LLC Robbinsville, NC 28771		Engineer's Estimate	
ITEM NO.	SPEC NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXT. TOTAL	UNIT PRICE	EXT. TOTAL
1	P-150	MOBILIZATION	1	LS	\$45,000.00	\$45,000.00	\$47,800.00	\$47,800.00
2	S-102	TRIMMING OF PINE TREES (6" DBH AND GREATER)	223	EA	\$735.00	\$163,905.00	\$300.00	\$66,900.00
3	S-102	TRIMMING OF HARDWOOD TREES (LESS THAN TEN FEET)	165	EA	\$965.00	\$159,225.00	\$350.00	\$57,750.00
4	S-102	TRIMMING OF HARDWOOD TREES (TEN FEET UP TO TWENTY FEET)	81	EA	\$1,150.00	\$93,150.00	\$700.00	\$56,700.00
5	S-102	TRIMMING OF HARDWOOD TREES (TWENTY FEET AND GREATER)	12	EA	\$1,250.00	\$15,000.00	\$850.00	\$10,200.00
6	S-102	REMOVAL OF PINE TREES (6-INCH AND GREATER DBH)	104	EA	\$910.00	\$94,640.00	\$900.00	\$93,600.00
7	S-102	REMOVAL OF HARDWOOD TREES (6-INCH UP TO 12-INCH DBH)	15	EA	\$800.00	\$12,000.00	\$300.00	\$4,500.00
8	S-102	REMOVAL OF HARDWOOD TREES (12-INCH UP TO 24-INCH DBH)	26	EA	\$1,150.00	\$29,900.00	\$450.00	\$11,700.00
9	S-102	REMOVAL OF HARDWOOD TREES (24-INCH AND GREATER DBH)	2	EA	\$1,850.00	\$3,700.00	\$800.00	\$1,600.00
10	S-102	GRIND STUMP OF REMOVED TREE	142	EA	\$121.00	\$17,182.00	\$70.00	\$9,940.00
11	S-103	SURVEYING	1	LS	\$65,000.00	\$65,000.00	\$150,000.00	\$150,000.00
12	SPEC	TRAFFIC CONTROL	1	LS	\$93,000.00	\$93,000.00	\$10,000.00	\$10,000.00
13	S-2950.1	PLANTING OF YAUPON HOLLY – 25 GALLON SIZE	10	EA	\$225.00	\$2,250.00	\$400.00	\$4,000.00
14	S-2950.2	PLANTING OF DAHOON HOLLY – 25 GALLON SIZE	4	EA	\$225.00	\$900.00	\$400.00	\$1,600.00
TOTAL BID AMOUNT:						\$794,852.00		\$526,290.00

DBE SUBCONTRACTOR AMOUNT

\$0.00

DBE PERCENTAGE OF TOTAL BID AMOUNT

0.00%

I HEREBY CERTIFY THIS TABULATION OF BIDS TO BE CORRECT.

TALBERT, BRIGHT & ELLINGTON, INC.

8/21/2015

DATE



COUNTY COUNCIL OF BEAUFORT COUNTY
PURCHASING DEPARTMENT

106 Industrial Village Road
Post Office Drawer 1228
Beaufort, South Carolina 29901-1228

TO: Councilman Stu Rodman, Chairman, Governmental Committee

FROM: Dave Thomas, CPPO, Purchasing Director *DT*

SUBJ: **Contract Award Recommendation for IFB# 080615HXD: TWY A Relocation, Ramp Replacement, Tree Removal, and RTR Infrastructure**

DATE: August 31, 2015

BACKGROUND: Beaufort County issued an Invitation to Bid (IFB) to contractors capable of providing the requisite services associated with relocating Taxiway A to meet current FAA separation criteria, clearing on-airport trees, and constructing new ramp area for general aviation aircraft. Also included in this project is infrastructure work that will support the relocation of the Remote Transmitter/Receiver so that it is in compliance with FAA performance standards. The bids were reviewed and evaluated by staff and it was determined that Quality Enterprises USA, Inc., was the lowest responsible/responsive bidder.

These projects are being undertaken in accordance with the Hilton Head Island Airport Master Plan as approved by County Council in October, 2010.

VENDOR BID INFORMATION:

Quality Enterprises USA, Inc. Chesapeake, VA
Preferred Materials, Inc. Savannah, GA

COST:

\$7,961,690
\$8,069,138

CONSTRUCTION ADMIN, RESIDENT PROJECT REPRESENTATIVE:

Talbert, Bright, and Ellington, Charlotte, NC

\$1,049,632

Grand Total

\$9,011,322

AT **FUNDING:** 90% via FAA Grant 38 (Pending), 5% via SCAC Grant (Pending), 5% via Hilton Head Airport Capital Projects Fund.

FOR ACTION: Governmental Committee meeting occurring August 31, 2015.

RECOMMENDATION: The Governmental Committee approve and recommend to County Council the contract award to Quality Enterprises USA, Inc., to perform the required construction services for a total cost of \$7,961,690 and the construction administration fee of \$1,049,632 to Talbert, Bright, and Ellington.

CC: Gary Kubic, County Administrator *GKubic*
Joshua Gruber, Deputy County Administrator/Special Counsel
Alicia Holland, Asst. Co. Administrator, Finance *AT*
Colin Kinton, Director Transportation Engineering
Jon Rembold, Emergency Medical Services Director

Att: Bid Tab

BID TABULATION
TAXWAY 'A' RELOCATION AND GA RAMP REPLACEMENT
HILTON HEAD ISLAND AIRPORT
TBE PROJECT NO. 2119-1302
AUGUST 19, 2015

					QUALITY ENTERPRISES USA, INC. CHESAPEAKE, VA		PREFERRED MATERIALS, INC. SAVANNAH, GA		Engineer's Estimate	
BASE BID					LICENSE NO.: 97783		LICENSE NO.: 12346			
ITEM NO.	SPEC NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXT. TOTAL	UNIT PRICE	EXT. TOTAL	UNIT PRICE	EXT. TOTAL
1	GP105	MOBILIZATION	1	LS	\$1,000,000.00	\$1,000,000.00	\$1,356,000.00	\$1,356,000.00	\$565,000.00	\$565,000.00
2	02374	TEMPORARY CONSTRUCTION ENTRANCE	5	EA	\$2,000.00	\$10,000.00	\$7,520.00	\$37,600.00	\$4,000.00	\$20,000.00
3	02374	TEMPORARY SILT FENCE	12,150	LF	\$3.25	\$39,487.50	\$2.52	\$30,618.00	\$3.00	\$36,450.00
4	02374	TEMPORARY SEDIMENT BASIN WITH SKIMMER	7	EA	\$18,000.00	\$126,000.00	\$33,780.00	\$236,460.00	\$20,000.00	\$140,000.00
5	02374	TYPE 'D' INLET PROTECTION	13	EA	\$950.00	\$12,350.00	\$541.00	\$7,033.00	\$800.00	\$10,400.00
6	02374	TEMPORARY WOOD RISER INLET PROTECTION	13	EA	\$1,100.00	\$14,300.00	\$184.00	\$2,392.00	\$500.00	\$6,500.00
7	02374	TEMPORARY DIVERSION SWALE	2,300	LF	\$3.00	\$6,900.00	\$5.43	\$12,489.00	\$4.00	\$9,200.00
8	02374	RIP RAP, CLASS B	130	SY	\$80.00	\$10,400.00	\$104.00	\$13,520.00	\$100.00	\$13,000.00
9	P-151	CLEARING AND GRUBBING	13.2	AC	\$9,300.00	\$122,760.00	\$5,974.00	\$78,856.80	\$4,000.00	\$52,800.00
10	P-151	CLEARING INSIDE DESIGNATED WETLAND	1.2	AC	\$20,000.00	\$24,000.00	\$13,081.00	\$15,697.20	\$10,000.00	\$12,000.00
11	REP	REMOVE EXISTING BITUMINOUS PAVEMENT	37,600	SY	\$5.70	\$214,320.00	\$5.40	\$203,040.00	\$1.50	\$56,400.00
12	P-160	BITUMINOUS PAVEMENT MILLING	1,500	SY	\$11.00	\$16,500.00	\$9.80	\$14,700.00	\$6.00	\$9,000.00
13	RPS	REMOVE EXISTING TIE DOWN ANCHOR	109	EA	\$65.00	\$7,085.00	\$180.25	\$19,647.25	\$100.00	\$10,900.00
14	RPS	CUT EXISTING TIE DOWN ANCHOR	46	EA	\$200.00	\$9,200.00	\$164.80	\$7,580.80	\$20.00	\$920.00
15	RPS	REMOVE EXISTING TIE DOWN CABLE	5,100	LF	\$1.00	\$5,100.00	\$0.82	\$4,182.00	\$5.00	\$25,500.00
16	RPS	REMOVE EXISTING BUILDING #1	1	LS	\$94,000.00	\$94,000.00	\$114,550.00	\$114,550.00	\$30,000.00	\$30,000.00
17	RPS	REMOVE EXISTING BUILDING #2	1	LS	\$21,000.00	\$21,000.00	\$2,472.00	\$2,472.00	\$3,000.00	\$3,000.00
18	RPS	REMOVE EXISTING BUILDING #3	1	LS	\$22,000.00	\$22,000.00	\$45,130.00	\$45,130.00	\$10,000.00	\$10,000.00
19	RPS	REMOVE ABANDONED BUILDING FOUNDATION	1	LS	\$3,300.00	\$3,300.00	\$1,824.00	\$1,824.00	\$8,000.00	\$8,000.00
20	RPS	REMOVE EXISTING SEGMENTED CIRCLE CONCRETE SLABS	24	EA	\$80.00	\$1,920.00	\$155.00	\$3,720.00	\$20.00	\$480.00
21	RPS	REMOVE EXISTING CARGO CONTAINER	1	EA	\$1,600.00	\$1,600.00	\$1,495.00	\$1,495.00	\$500.00	\$500.00
22	RPS	REMOVE EXISTING FUEL TANKS	2	EA	\$6,800.00	\$13,600.00	\$8,900.00	\$17,800.00	\$4,000.00	\$8,000.00
23	RPS	REMOVE EXISTING FUEL TANK PADS AND APPURTENANCES	2	EA	\$1,700.00	\$3,400.00	\$2,472.00	\$4,944.00	\$2,000.00	\$4,000.00
24	RPS	REMOVE EXISTING SIGN	4	EA	\$50.00	\$200.00	\$515.00	\$2,060.00	\$20.00	\$80.00
25	RPS	REMOVE EXISTING POST	2	EA	\$100.00	\$200.00	\$103.00	\$206.00	\$20.00	\$40.00
26	RPS	REMOVE EXISTING FLAG POLE	1	EA	\$950.00	\$950.00	\$775.00	\$775.00	\$100.00	\$100.00
27	RPS	REMOVE EXISTING SEPTIC TANK	1	LS	\$2,100.00	\$2,100.00	\$775.00	\$775.00	\$3,000.00	\$3,000.00
28	RPS	REMOVE EXISTING HOLDING TANKS	1	LS	\$4,000.00	\$4,000.00	\$824.00	\$824.00	\$2,000.00	\$2,000.00
29	RPS	REMOVE EXISTING REINFORCED CONCRETE DRAINAGE SWALE WEIR	1	LS	\$1,000.00	\$1,000.00	\$4,220.00	\$4,220.00	\$2,000.00	\$2,000.00
30	RPS	REMOVE EXISTING ENDWALL OR HEADWALL	8	EA	\$600.00	\$4,800.00	\$370.00	\$2,960.00	\$1,500.00	\$12,000.00
31	RPS	REMOVE EXISTING 48-INCH FLARED END SECTION	1	EA	\$400.00	\$400.00	\$585.00	\$585.00	\$1,000.00	\$1,000.00
32	RPS	REMOVE EXISTING 18-INCH CONCRETE PIPE	300	LF	\$15.00	\$4,500.00	\$21.08	\$6,324.00	\$20.00	\$6,000.00
33	RPS	REMOVE EXISTING 24-INCH CONCRETE PIPE	200	LF	\$18.00	\$3,600.00	\$21.08	\$4,216.00	\$20.00	\$4,000.00
34	RPS	REMOVE EXISTING 36-INCH CONCRETE PIPE	260	LF	\$20.00	\$5,200.00	\$21.92	\$5,699.20	\$30.00	\$7,800.00
35	RPS	REMOVE EXISTING 48-INCH CONCRETE PIPE	260	LF	\$25.00	\$6,500.00	\$24.01	\$6,242.60	\$40.00	\$10,400.00
36	RPS	REMOVE EXISTING STORM PIPE, UNCLASSIFIED	80	LF	\$25.00	\$2,000.00	\$21.08	\$1,686.40	\$20.00	\$1,600.00
37	P-152	UNCLASSIFIED EXCAVATION	45,000	CY	\$11.10	\$499,500.00	\$13.15	\$591,750.00	\$15.00	\$675,000.00
38	P-152	UNSUITABLE EXCAVATION	2,000	CY	\$18.00	\$36,000.00	\$31.00	\$62,000.00	\$30.00	\$60,000.00
39	P-152	OFFSITE BORROW TO RESTORE ONSITE BORROW AREAS	2,000	CY	\$38.00	\$76,000.00	\$30.00	\$60,000.00	\$50.00	\$100,000.00
40	P-209	CRUSHED AGGREGATE BASE COURSE	9,400	CY	\$97.50	\$916,500.00	\$98.95	\$930,130.00	\$60.00	\$564,000.00
41	P-401	BITUMINOUS CONCRETE SURFACE COURSE	12,600	TON	\$143.00	\$1,801,800.00	\$129.10	\$1,626,660.00	\$115.00	\$1,449,000.00
42	P-602	BITUMINOUS PRIME COAT	15,750	GAL	\$5.00	\$78,750.00	\$4.40	\$69,300.00	\$3.00	\$47,250.00
43	P-603	BITUMINOUS TACK COAT	5,250	GAL	\$3.00	\$15,750.00	\$2.40	\$12,600.00	\$3.00	\$15,750.00
44	SPEC	TIE DOWN ANCHOR	130	EA	\$300.00	\$39,000.00	\$335.00	\$43,550.00	\$150.00	\$19,500.00
45	SPEC	TIE DOWN CABLE	5,000	LF	\$2.60	\$13,000.00	\$4.64	\$23,200.00	\$5.00	\$25,000.00
46	P-620	REMOVE EXISTING PAVEMENT MARKING	1,600	SF	\$6.50	\$10,400.00	\$5.67	\$9,072.00	\$1.00	\$1,600.00
47	P-620	AIRFIELD PAVEMENT MARKING (REFLECTORIZED AVIATION WHITE)	450	SF	\$2.40	\$1,080.00	\$2.06	\$927.00	\$1.00	\$450.00
48	P-620	AIRFIELD PAVEMENT MARKING (REFLECTORIZED AVIATION YELLOW)	8,300	SF	\$2.40	\$19,920.00	\$2.06	\$17,098.00	\$1.00	\$8,300.00
49	P-620	AIRFIELD PAVEMENT MARKING (NON-REFLECTORIZED BLACK)	24,900	SF	\$0.90	\$22,410.00	\$0.77	\$19,173.00	\$0.80	\$19,920.00
50	P-620	AIRFIELD PAVEMENT MARKING (REFLECTORIZED RED)	1,350	SF	\$6.00	\$8,100.00	\$5.15	\$6,952.50	\$1.00	\$1,350.00
51	P-620	AIRFIELD PAVEMENT MARKING (NON-REFLECTORIZED GREEN)	6,700	SF	\$6.00	\$40,200.00	\$5.15	\$34,505.00	\$1.00	\$6,700.00
52	P-620	AIRFIELD PAVEMENT MARKING (NON-REFLECTORIZED AVIATION YELLOW)	750	SF	\$2.50	\$1,875.00	\$2.06	\$1,545.00	\$0.90	\$675.00
53	D-701	18" REINFORCED CONCRETE PIPE, CLASS III	260	LF	\$85.00	\$22,100.00	\$71.00	\$18,460.00	\$75.00	\$19,500.00
54	D-701	24" REINFORCED CONCRETE PIPE, CLASS III	1,760	LF	\$90.00	\$158,400.00	\$81.00	\$142,560.00	\$85.00	\$149,600.00
55	D-701	30" REINFORCED CONCRETE PIPE, CLASS III	6,750	LF	\$131.00	\$884,250.00	\$116.00	\$783,000.00	\$110.00	\$742,500.00
56	D-701	48" REINFORCED CONCRETE PIPE, CLASS III	300	LF	\$260.00	\$78,000.00	\$231.00	\$69,300.00	\$200.00	\$60,000.00
57	D-751	4' X 4' STORM DRAIN GRATE INLET	13	EA	\$3,700.00	\$48,100.00	\$3,720.00	\$48,360.00	\$2,500.00	\$32,500.00
58	D-751	4' X 10' STORM DRAIN GRATE INLET	8	EA	\$7,200.00	\$57,600.00	\$6,100.00	\$48,800.00	\$8,000.00	\$64,000.00
59	D-751	4' X 10' STORM DRAIN EMERGENCY OVERFLOW BOX	1	EA	\$10,500.00	\$10,500.00	\$10,100.00	\$10,100.00	\$8,000.00	\$8,000.00
60	D-751	6' X 8' STORM DRAIN EMERGENCY OVERFLOW BOX	1	EA	\$11,500.00	\$11,500.00	\$10,400.00	\$10,400.00	\$7,000.00	\$7,000.00
61	F-162	REMOVE EXISTING FENCE	1,950	LF	\$10.00	\$19,500.00	\$15.45	\$30,127.50	\$2.00	\$3,900.00
62	F-162	6-FOOT HIGH CHAIN LINK FENCE WITH 3 STRANDS BARBED WIRE	700	LF	\$28.00	\$19,600.00	\$25.75	\$18,025.00	\$25.00	\$17,500.00

					QUALITY ENTERPRISES USA, INC. CHESAPEAKE, VA		PREFERRED MATERIALS, INC. SAVANNAH, GA		Engineer's Estimate	
BASE BID					LICENSE NO.: 97783		LICENSE NO.: 12346			
ITEM NO.	SPEC NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXT. TOTAL	UNIT PRICE	EXT. TOTAL	UNIT PRICE	EXT. TOTAL
63	F-162	NEW 24-FOOT WIDE DOUBLE SWING CHAIN LINK FENCE GATE	3	EA	\$3,900.00	\$11,700.00	\$2,060.00	\$6,180.00	\$2,500.00	\$7,500.00
64	L-105	REMOVE EXISTING GUIDANCE SIGN AND BASE	15	EA	\$1,300.00	\$19,500.00	\$309.00	\$4,635.00	\$300.00	\$4,500.00
65	L-105	REMOVE EXISTING GUIDANCE SIGN BASE	25	EA	\$830.00	\$20,750.00	\$155.00	\$3,875.00	\$200.00	\$5,000.00
66	L-105	REMOVE EXISTING TAXIWAY EDGE LIGHT	135	EA	\$165.00	\$22,275.00	\$36.05	\$4,866.75	\$50.00	\$6,750.00
67	L-105	REMOVE EXISTING ELECTRICAL MANHOLE	10	EA	\$940.00	\$9,400.00	\$2,575.00	\$25,750.00	\$200.00	\$2,000.00
68	L-105	REMOVE EXISTING DUCT BANK	1,100	LF	\$16.50	\$18,150.00	\$15.45	\$16,995.00	\$10.00	\$11,000.00
69	L-105	REMOVE EXISTING WIND SOCK	2	EA	\$950.00	\$1,900.00	\$1,030.00	\$2,060.00	\$1,000.00	\$2,000.00
70	L-105	REMOVE EXISTING EQUIPMENT RACK	2	EA	\$1,300.00	\$2,600.00	\$1,030.00	\$2,060.00	\$500.00	\$1,000.00
71	L-105	REMOVE EXISTING TRANSFORMER AND PAD	1	EA	\$1,900.00	\$1,900.00	\$1,030.00	\$1,030.00	\$200.00	\$200.00
72	L-107	L-807 INTERNALLY LIGHTED WIND CONE	1	EA	\$20,000.00	\$20,000.00	\$12,978.00	\$12,978.00	\$18,000.00	\$18,000.00
73	L-107	L-806 INTERNALLY LIGHTED SUPPLEMENTAL WIND CONE	1	EA	\$10,000.00	\$10,000.00	\$4,532.00	\$4,532.00	\$10,000.00	\$10,000.00
74	L-108	CABLE TRENCH	15,500	LF	\$0.90	\$13,950.00	\$1.03	\$15,965.00	\$1.50	\$23,250.00
75	L-108	L-824 1/C, #8, 5KV, TYPE "C" CABLE	23,500	LF	\$0.90	\$21,150.00	\$0.93	\$21,855.00	\$1.00	\$23,500.00
76	L-108	1/C, #6 BARE COPPER COUNTERPOISE, INCLUDING GROUND RODS AND	15,500	LF	\$0.90	\$13,950.00	\$1.03	\$15,965.00	\$1.50	\$23,250.00
77	L-108	GROUND CONNECTORS	1,700	LF	\$2.40	\$4,080.00	\$2.06	\$3,502.00	\$2.50	\$4,250.00
78	L-108	1/C, #2, 600V CABLE	3,450	LF	\$1.65	\$5,692.50	\$1.65	\$5,692.50	\$1.50	\$5,175.00
79	L-108	6/C, #14 TC-XHHW CONTROL CABLE	3,450	LF	\$7.50	\$25,875.00	\$6.18	\$21,321.00	\$4.00	\$13,800.00
80	L-108	30/C, #14 TC-XHHW CONTROL CABLE	3,850	LF	\$11.00	\$42,350.00	\$9.58	\$36,883.00	\$8.00	\$30,800.00
81	L-108F	50/C, #14 TC-XHHW CONTROL CABLE	600	LF	\$4.40	\$2,640.00	\$23.18	\$13,908.00	\$5.00	\$3,000.00
82	L-110	24 FIBER OPTIC CABLE	21,900	LF	\$2.40	\$52,560.00	\$4.22	\$92,418.00	\$3.00	\$65,700.00
83	L-110	2-INCH, SCHEDULE 40 PVC CONDUIT IN GRASSED AREAS	90	LF	\$33.00	\$2,970.00	\$28.84	\$2,595.60	\$100.00	\$9,000.00
84	L-110	2-INCH, 4-WAY CONCRETE ENCASED UNDERGROUND DUCT	1,360	LF	\$50.00	\$68,000.00	\$49.70	\$67,592.00	\$120.00	\$163,200.00
85	L-125	L-861T BASE MOUNTED MEDIUM INTENSITY TAXIWAY EDGE LIGHT - LED	156	EA	\$885.00	\$138,060.00	\$782.80	\$122,116.80	\$700.00	\$109,200.00
86	L-125	LAMP	32	EA	\$7,200.00	\$230,400.00	\$6,540.00	\$209,280.00	\$7,500.00	\$240,000.00
87	L-125	ELECTRICAL MANHOLE	2	EA	\$890.00	\$1,780.00	\$607.70	\$1,215.40	\$700.00	\$1,400.00
88	L-125	SPLICE CAN	25	EA	\$2,650.00	\$66,250.00	\$2,645.00	\$66,125.00	\$1,000.00	\$25,000.00
89	L-125	RELOCATE EXISTING GUIDANCE SIGN WITH NEW CONCRETE PAD	19	EA	\$720.00	\$13,680.00	\$587.10	\$11,154.90	\$900.00	\$17,100.00
90	T-901	REPLACE EXISTING AIRFIELD GUIDANCE SIGN PANEL WITH NEW PANEL	40	AC	\$3,300.00	\$132,000.00	\$665.00	\$26,600.00	\$1,800.00	\$72,000.00
91	T-901	TEMPORARY SEEDING (MULCHED)	40	AC	\$3,350.00	\$134,000.00	\$2,855.00	\$114,200.00	\$2,500.00	\$100,000.00
92	SPEC	PERMANENT SEEDING (MULCHED)	1	LS	\$5,500.00	\$5,500.00	\$2,645.00	\$2,645.00	\$6,000.00	\$6,000.00
93	M-103	EQUIPMENT RACK 'B'	2	EA	\$8,500.00	\$17,000.00	\$28,300.00	\$56,600.00	\$2,000.00	\$4,000.00
94	R-651	CLOSED RUNWAY MARKER	19	SF	\$100.00	\$1,900.00	\$103.00	\$1,957.00	\$25.00	\$475.00
95	SPEC	36-INCH WIDE, TYPE E STOP SIGN WITH CONTACT ATC SIGN	12	EA	\$310.00	\$3,720.00	\$360.50	\$4,326.00	\$50.00	\$600.00
96	SPEC	SECURITY FENCE SIGN	1	LS	\$24,500.00	\$24,500.00	\$18,540.00	\$18,540.00	\$20,000.00	\$20,000.00
97	SPEC	MOUNT MG-40 TOWER	1	LS	\$7,000.00	\$7,000.00	\$5,800.00	\$5,800.00	\$2,000.00	\$2,000.00
RELOCATE EXISTING FIRE HYDRANT INCLUDING ABANDONMENT OF EXISTING WATER LINE										
BASE BID AMOUNT:						\$7,871,690.00		\$7,979,138.20		\$6,211,715.00

ADDITIVE BID										
ITEM NO.	SPEC NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXT. TOTAL	UNIT PRICE	EXT. TOTAL	UNIT PRICE	EXT. TOTAL
1	L-850	WIRELESS AIRFIELD LIGHTING CONTROL SYSTEM - ALLOWANCE	1	ALLOW	\$90,000.00	\$90,000.00	\$90,000.00	\$90,000.00	\$90,000.00	\$90,000.00
ADDITIVE BID AMOUNT:						\$90,000.00		\$90,000.00		\$90,000.00

TOTAL BID AMOUNT (BASE BID + ADDITIVE BID) \$7,961,690.00 \$8,069,138.20 \$6,301,715.00

DBE SUBCONTRACTOR AMOUNT \$489,270.00
 DBE PERCENTAGE OF TOTAL BID AMOUNT 6.15% \$486,786.50 6.03%

I HEREBY CERTIFY THIS TABULATION OF BIDS TO BE CORRECT.


 TALBER, BRIGHT & ELLINGTON, INC.

8/21/2015
 DATE



**COUNTY COUNCIL OF BEAUFORT COUNTY
PURCHASING DEPARTMENT**

106 Industrial Village Road
Post Office Drawer 1228
Beaufort, South Carolina 29901-1228

TO: Councilman Stu Rodman, Chairman, Governmental Committee

FROM: Dave Thomas, CPPO, Purchasing Director *dt*

SUBJ: **Emergency Medical Services (EMS) Purchase Remounting Services for Two Ambulances**

DATE: August 31, 2015

BACKGROUND: The Purchasing Department received a request from Beaufort County's EMS Department to purchase two new 2016 Dodge Ram 4500 4x2 Ambulance Remounts, which includes remounting services. This purchase request will use the HGAC Buy Cooperative Contract, a National Cooperative contract used by state and local governments. The EMS Department, along with First Vehicle Services, recommends the purchase of the Dodge ambulances due to their overall performance and the close proximity of the factory to Beaufort County.

The HGAC Buy Contract will provide remounting of two of the current fleet ambulances as these modules are in good structural condition. The old chassis would be traded into Northwestern. Remounting of the ambulances would include a new 2016 Dodge D4500, 4x2 Diesel Type I cab chassis, HVAC, emergency and compartment lights. Also, the module would be repainted and interior refurbished. The remounted ambulances receive the same manufacturer warranty as a new ambulance. All of the ambulances will be delivered to the County before the end of the fiscal year.

VENDOR INFORMATION:

AEV Northwestern Emergency Vehicles, Jefferson, NC

COST:

Remount Ambulances x 2 @ \$116,934.12 each	\$233,868
SC Sales Tax (2 x \$300)	\$600
Grand Total	\$234,468

AT **FUNDING:** Account #40090011-54003, 2014 Bonds, EMS, Vehicle Purchases (\$132,043) and
Account #10001230-54000, EMS, Vehicle Purchases (\$102,425)

FOR ACTION: Governmental Committee meeting occurring August 31, 2015.

RECOMMENDATION: The Governmental Committee approve and recommend to County Council the contract award to purchase remounting services for the two existing County ambulances from the aforementioned contractor for a total cost of \$234,468.

CC: Gary Kubic, County Administrator *GK*
Joshua Gruber, Deputy County Administrator/Special Counsel *JG*
Alicia Holland, Asst. Co. Administrator, Finance *AH*
Phil Foot, Asst. Co. Administrator, Public Safety *PF*
Donna Ownby, Emergency Medical Services Director

Att: Pricing Information

**CONTRACT PRICING WORKSHEET**
For Standard Equipment PurchasesContract
No.:

AM10-14

Date
Prepared:

8/26/2015

*This Form must be prepared by Contractor, and provided to End User to attach to Purchase Order, with copy to H-GAC.
The H-GAC administrative fee shall be calculated and shown as a separate line item. Please type or print legibly.*

Buying Agency:	BEAUFORT COUNTY QUOTE # 1	Contractor:	AEV / Northwestern Emergency Vehicles
Contact Person:	DAVE THOMAS, CPPO, CPPB	Prepared By:	David Hudler
Phone:	843-255-2353	Phone:	336-977-1015 (cell) or 800-536-8488 (office)
Fax:	843-255-9437	Fax:	336-246-8978
Email:	dthomas@bcgov.net	Email:	david@nwev.com

Product Code:	AE09	Description:	2016 Ram 4500 4x2 Diesel Type I Base Ambulance Remount
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A. Product Item Base Unit Price Per Contractor's H-GAC Contract: \$75,524.00**B. Published Options - Itemize below - Attach additional sheet(s) if necessary - Include Option Code in description if applicable.**
(Note: Published Options are options which were submitted and priced in Contractor's bid.)

Description	Cost	Description	Cost
YY00 WHEEL SIMULATORS	385.00	YY13 NEW DIAMOND PLATE	2,500.00
YY01 RUNNING BOARDS	467.00	YY15 NEW WHEEL MOLDING	400.00
YY03 SIREN SPEAKERS	587.00	YY16 NEW WEATHER STRIPPING	750.00
YY04 LIQUID SPRING SUSPENSION	8,800.00	YY17 NEW ALL DOOR AND CEILING HANDLES	750.00
YY05 NEW UPHOLSTERY	1,020.00	YY19 NEW BODY MARKER LIGHTS	238.00
YY10 NEW LEXAN	350.00		
YY12 NEW REAR BUMPER	1,800.00		
		Subtotal From Additional Sheet(s):	12,023.00
		Subtotal B:	30,070.00

C. Unpublished Options - Itemize below / attach additional sheet(s) if necessary.

(Note: Unpublished options are items which were not submitted and priced in Contractor's bid.)

Description	Cost	Description	Cost
RE-WIRE THE ELECTRICAL SYSTEM	3,000.00	UPGRADE WARNING LIGHTS	3,882.00
CHEVRONS	750.00		
PAINT BELT PER CUSTOMER'S SPECS	1,435.00	Subtotal From Additional Sheet(s):	
LETTERING PER CUSTOMER'S SPECS	1,523.12	Subtotal C:	10,590.12

Check: Total cost of Unpublished Options (C) cannot exceed 25% of the total of the Base Unit Price plus Published Options (A+B).

For this transaction the percentage is: 10%

D. Other Cost Items Not Itemized Above (e.g. Installation, Freight, Delivery, Etc.)

Description	Cost	Description	Cost
		Subtotal D:	0

E. Total Cost Before Any Applicable Trade-In / Other Allowances / Discounts (A+B+C+D)

Quantity Ordered:	1	X Subtotal of A + B + C + D:	116,184.12	= Subtotal E:	116,184.12
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F. H-GAC Fee Calculation (From Current Fee Tables)

Subtotal F: \$750.00

G. Trade-Ins / Other Allowances / Special Discounts

Description	Cost	Description	Cost
		Subtotal G:	0

Delivery Date:

H. Total Purchase Price (E+F+G): \$116,934.12

ADDITIONAL PUBLISHED OPTIONS

[illegible]

ADDITIONAL UNPUBLISHED OPTIONS

[illegible]

**CONTRACT PRICING WORKSHEET**
For Standard Equipment PurchasesContract
No.:

AM10-14

Date
Prepared:

8/26/2015

*This Form must be prepared by Contractor, and provided to End User to attach to Purchase Order, with copy to H-GAC.
The H-GAC administrative fee shall be calculated and shown as a separate line item. Please type or print legibly.*

Buying Agency:	BEAUFORT COUNTY	QUOTE # 2	Contractor:	AEV / Northwestern Emergency Vehicles	
Contact Person:	DAVE THOMAS, CPPO, CPPB		Prepared By:	David Hudler	
Phone:	843-255-2353		Phone:	336-977-1015 (cell) or 800-536-8488 (office)	
Fax:	843-255-9437		Fax:	336-246-8978	
Email:	dthomas@bcgov.net		Email:	david@nwev.com	

Product Code:	AE09	Description:	2016 Ram 4500 4x2 Diesel Type I Base Ambulance Remount		
A. Product Item Base Unit Price Per Contractor's H-GAC Contract:				\$75,524.00	

B. Published Options - Itemize below - Attach additional sheet(s) if necessary - Include Option Code in description if applicable.
(Note: Published Options are options which were submitted and priced in Contractor's bid.)

Description	Cost	Description	Cost
YY00 WHEEL SIMULATORS	385.00	YY13 NEW DIAMOND PLATE	2,500.00
YY01 RUNNING BOARDS	467.00	YY15 NEW WHEEL MOLDING	400.00
YY03 SIREN SPEAKERS	587.00	YY16 NEW WEATHER STRIPPING	750.00
YY04 LIQUID SPRING SUSPENSION	8,800.00	YY17 NEW ALL DOOR AND CEILING HANDLES	750.00
YY05 NEW UPHOLSTERY	1,020.00	YY19 NEW BODY MARKER LIGHTS	238.00
YY10 NEW LEXAN	350.00		
YY12 NEW REAR BUMPER	1,800.00	Subtotal From Additional Sheet(s):	12,023.00
		Subtotal B:	30,070.00

C. Unpublished Options - Itemize below / attach additional sheet(s) if necessary.
(Note: Unpublished options are items which were not submitted and priced in Contractor's bid.)

Description	Cost	Description	Cost
RE-WIRE THE ELECTRICAL SYSTEM	3,000.00	UPGRADE WARNING LIGHTS	3,882.00
CHEVRONS	750.00		
PAINT BELT PER CUSTOMER'S SPECS	1,435.00	Subtotal From Additional Sheet(s):	
LETTERING PER CUSTOMER'S SPECS	1,523.12	Subtotal C:	10,590.12

Check: Total cost of Unpublished Options (C) cannot exceed 25% of the total of the Base Unit Price plus Published Options (A+B).	For this transaction the percentage is:	10%
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D. Other Cost Items Not Itemized Above (e.g. Installation, Freight, Delivery, Etc.)

Description	Cost	Description	Cost
		Subtotal D:	0

E. Total Cost Before Any Applicable Trade-In / Other Allowances / Discounts (A+B+C+D)

Quantity Ordered:	1	X Subtotal of A + B + C + D:	116,184.12	= Subtotal E:	116,184.12	
F. H-GAC Fee Calculation (From Current Fee Tables)					Subtotal F:	\$750.00

G. Trade-Ins / Other Allowances / Special Discounts

Description	Cost	Description	Cost
		Subtotal G:	0

Delivery Date:		H. Total Purchase Price (E+F+G):	\$116,934.12
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ADDITIONAL PUBLISHED OPTIONS

Description	Cost	Description	Cost
YY20 NEW FRONT CONSOLE	1,050.00		
YY26 NEW MODULE PAINT	7,500.00		
YY32 LED DOMES	678.00		
YY24 110 HEAT / AC	1,120.00		
YY25 MOUNTED CONDENSOR	1,675.00		
		TOTAL:	\$12,023.00

ADDITIONAL UNPUBLISHED OPTIONS

Description	Cost	Description	Cost
		TOTAL:	



BEAUFORT COUNTY STORMWATER UTILITY
120 Shanklin Road
Beaufort, South Carolina 29906
Voice (843) 255-2801 Facsimile (843) 255-9478



INTEROFFICE MEMORANDUM

TO: Councilman Brian Flewelling, Chairman, Natural Resources Committee

FROM: Eric W. Larson, Stormwater Manager *Eric W. Larson*

SUBJECT: Okatie West Water Quality Retrofit project
EPA CWA Section 319 grant award acceptance

DATE: September 8, 2015

BACKGROUND:

The 2002 Okatie River Watershed Management Plan identified a regional retrofit project in the west tributary of the Okatie River headwaters, which was further detailed in the 2009 Regional Retrofit Study, the 2014 SC170 Highway Widening Retrofit Study, and the 2015 Okatie River Watershed Management Plan update. In late 2014, the Stormwater Utility partnered with the Rural and Critical Lands Board to make an offer to purchase the New Leaf, LLC tract along SC 170 and the potential site for this regional project. Closing is anticipated soon. In April 2015, the Stormwater Utility submitted the "Okatie West" project for grant funding by the USEPA Clean Water Act Section 319 grant program. On August 11, 2015, the County was notified that the project was granted funds for design and construction of the site. The grant program is a 60% funding with 40% match. The proposed match is Stormwater CIP funds.

FUNDING:

Primary Funding – 50260014–51160; Stormwater CIP funds - \$528,000
Grant Funding - \$792,000

ESTIMATED PROJECT COST:

\$1,320,000

FOR ACTION:

Natural Resources Committee meeting September 8, 2015.

RECOMMENDATION:

The Stormwater Department recommends that the Natural Resources Committee approve and recommend to County Council to accept the EPA CWA Section 319 grant award in the amount of \$792,000 and grant the County Administrator the authority to sign all necessary grant award contracts with the South Carolina Department of Health and Environmental Control (DHEC).

CC: Gary Kubic, County Administrator *GKubic*
Josh Gruber, Deputy Administrator *JGruber*
Alicia Holland, Chief Financial Officer *AH*

Att: Grant project workplan

1. PROJECT INFORMATION:

Project Title: Okatie West Water Quality Retrofit
 Length (months): 36

Watershed Name(s): Salkehatchie
 12 Digit HUC(s): 030502080606
 County(ies): Beaufort
 Water Quality Parameter(s): Fecal Coliform Bacteria
 SCDHEC Monitoring Site(s): 18-08, 18-16, 18-17, 18-07

This watershed: (check one)

☒ Has a draft or approved TMDL ☐ Is impaired (no TMDL)

2. FUNDING REQUEST:

Federal Request: \$792,000.00
 Non-Federal Match: \$528,000.00
 Total Amount: \$1,320,000.00

Additional Federal Funding, if applicable: \$
 Source: _____

3. LEAD ORGANIZATION INFORMATION:

Lead Organization: Beaufort County
 Federal ID Number: 57-6000311

Project Manager: Eric Larson
 Mailing address: 120 Shanklin Road Beaufort, SC 29906
 Telephone: 843-255-2805
 Fax: 843-255-9436
 Email: elarson@bcgov.net

Alternate Contact: Paul Moore – Ward Edwards Inc.
 Telephone: 843-384-5266
 Email: pmoore@wardedwards.com

Financial Officer: Alan Eisenman
 Telephone: 843-255-2295
 Email: aeisenman@bcgov.net

Official project paperwork (e.g. contract) Eric Larson
 should be sent to the attention of: _____

4. COOPERATING ORGANIZATIONS:

Beaufort County will be the only organization contributing financially to the project. The County's Stormwater Utility has lead the efforts to restore the Okatie River watershed but has support from the other local municipalities through the County's Stormwater Implementation Committee (SWIC) and Stormwater Utility Board. The County will fund the non-federal match through the capital improvements funds collected and reserved by the County's Stormwater Utility Fee. The County will lead the design, permitting, procurement, construction, public outreach, and education components. The Town of Bluffton, the Rural & Critical Land Preservation Program, and the Beaufort County Soil & Water Conservation District are public agencies that have provided a letter of support for the project. Private organizations that are supporting the project include the Sun City Hilton Head Community Association, the Oldfield Property Owners Association, and the Island West Property Owners Association.

5. GENERAL PROJECT OVERVIEW (ABSTRACT):

Beaufort County has recognized the growing water quality problems within the Okatie River watershed since the early 1990s when shellfish harvesting restrictions within the waters first began. The County has led preservation and restoration efforts through a series of studies, task forces, management plans, development code revisions, and retrofit projects. The County has a number of ongoing and planned projects and strategies that are summarized in the latest *Okatie River Watershed Management Plan* dated April 2015.

Beaufort County's Stormwater Master Plan (SWMP) developed in 2006 identified the Okatie Headwaters as a priority basin within the County. The headwaters basin located upstream of SCDHEC monitoring station 18-08, is split into two sub-basins, Okatie East and Okatie West, and the County's 2009 Water Quality Retrofit Study proposed water quality BMP projects in both sub-basins. The sub-basins were studied to locate the best sites for the regional BMPs based on criteria such a land availability, limiting impacts to natural resources, feasibility, construction cost, soils, and topography. A low-cost wetland enhancement project proposed for the Okatie East basin was implemented in 2013, and the County now plans to implement a pond construction project proposed for the Okatie West sub-basin. The regional retrofit plan calls for the flow from the 1,170 acre upstream area to be diverted to a pond that will be constructed in a low upland area located on property the County recently purchased. The proposed pond will be constructed near the main outfall channel for the sub-basin, such that flows from the smaller more frequent rainfall events can be diverted to the pond for treatment. An outfall structure will be constructed in the pond to provide attenuation of the upstream runoff, and release the stored stormwater at rate less than current conditions. Based on conceptual modeling results, the proposed Okatie West Pond is predicted to reduce the peak flow to the tributary by as much 20% for the 95th percentile storm. The pond should also reduce the volume of freshwater reaching the salt water river.

In addition to the runoff reduction, it is expected that the Okatie West retrofit pond will provide effective removal of bacteria from the runoff. Water quality modeling prepared as part of the 2006 SWMP showed that implementation of a BMP within the headwaters sub-basin would reduce the bacteria load at station 18-08. A water quality model of the Okatie River 3 water quality sub-basin updated as part of the Okatie WMP shows that the Okatie West BMP will reduce the bacteria load from the BMP service area by 16%. This equates to a 7% reduction in bacteria load in the Okatie River 3 water quality sub-basin (containing monitoring Station 18-08). Combining the Okatie West load reduction with the recently implemented Okatie East Regional Retrofit results in a predicted load reduction near station 18-08 of 15.86% (1.75E+14 #/yr). Beaufort County's Stormwater Utility will implement and fund the project from its capital improvements fund collected as part of the county-wide stormwater utility fee.

A previous Watershed Based Plan and 319 Grant from the 2008 cycle was recently completed in 2014. That program was comprised of many small regional and non-regional strategies that were implemented with mixed results. The project did not result in correction of the bacteria contamination problem and reopening of the shellfish beds. The new *Okatie River Watershed Management Plan* completed in April 2015 will build on the previous successes and learn from the failures in order to implement larger strategies intended to address the contaminant sources. The ultimate goal is of the overall watershed based plan is to improve water quality such that the shellfish beds within the watershed are reopened for harvesting.

6. PROJECT DESCRIPTION:

A. General Background

Located in the South Carolina lowcountry, the Okatie River watershed (HUC 030502080606) is approximately 16,321 acres in size and spans Beaufort County and Jasper County. The majority of the watershed (12,325 acres) is in Beaufort County while the remaining portion (3,995 acres) is in Jasper County. Within Beaufort County, the majority is in unincorporated Beaufort County and the rest is in the Town of Bluffton. The Okatie River is a euhaline river, with no freshwater inputs other than stormwater runoff, and the River drains to the Colleton River, which in turn drains to Port Royal Sound and the Atlantic Ocean. The River is classified as an Outstanding Resource Water (ORW) and as shellfish harvesting waters, although the upper reaches of the river are restricted for shellfish harvesting due to fecal coliform bacteria contamination. The restrictions first began in 1995, and Beaufort County has been working ever since to protect and restore the River to pre-restriction conditions. SCDHEC initiated a fecal coliform TMDL for the watershed in 2010 which mandates reductions in bacteria loads as high as 51% in the Headwaters portion of the watershed. Portions of the watershed are about to become part of a MS4 area, as Beaufort County has submitted a draft MS4 permit and expects approval is imminent. Exhibit 1 shows the watershed boundaries, the shellfish classifications, the SCDEHC monitoring stations, the watershed sub-basins, and the MS4 boundary.

The original Okatie River Watershed Management Plan was prepared and enacted in 2002. The plan was amended in 2008 as part of a 319 Grant administered by the Lowcountry Council of Governments (LOCOG). The 319 grant funded a number of small regional and non-regional projects such as a septic tank inspection program, a pet waste education program, and an irrigation reuse program. The project was completed in 2014 and a summary report was published by LOCOG. The project's goal was to address the bacteria contamination problem in the River and reopen the shellfish beds to harvesting; however, the results fell short of that goal. The new *Okatie River Watershed Management Plan* completed in April 2015 will build on the previous successes and learn from the failures in order to implement larger strategies intended to address the contaminant sources. The ultimate goal of the overall watershed based plan is to improve water quality such that the shellfish beds within the watershed are reopened for harvesting.

Non-point source pollution from growth and development are generally to blame for bacteria contamination throughout the County, and the Okatie River watershed has faced among the highest development pressure within the County over the past 25 years. Beaufort County responded to the shellfish bed closures in the Okatie and other rivers by implementing a number of strategies. Among the strategies were improvements to the County's stormwater standards for new development, implementation of a Stormwater Utility in cooperation with the local municipalities, and the completion of a baseline study for the Okatie River. To address the County's stormwater standards for new development, Beaufort County's first version of the *Manual for Stormwater Best Management Practices* was implemented in 1998. SCDHEC aided in the recommendation for a baseline water quality by completing a combined baseline study of the Okatie River and Broad Creek in 2000. Most importantly, the County's Stormwater Utility was created in 2001. The Stormwater Utility included the participation of all the local municipalities and all subsequent water quality studies and initiatives in the County were implemented by or supported by the Stormwater Utility. The first Okatie River Watershed Management Plan was completed in 2002 and contained a number of specific strategies, some of which have been implemented. Additional studies such as the *Beaufort County Stormwater Master Plan*, completed in 2006, recommended regional retrofit projects intended to offset the increasing bacterial contamination from stormwater runoff. A new Okatie River Watershed Management Plan was recently completed in April 2015 and was updated to include the most recent information and studies related to the River, including the Okatie River TMDL. Section 1.0 of the WMP describes in greater detail, the history of the studies and reports for the River. Section 2.0 describes the watershed's existing land-use, future land-use, political boundaries, and the baseline water quality.

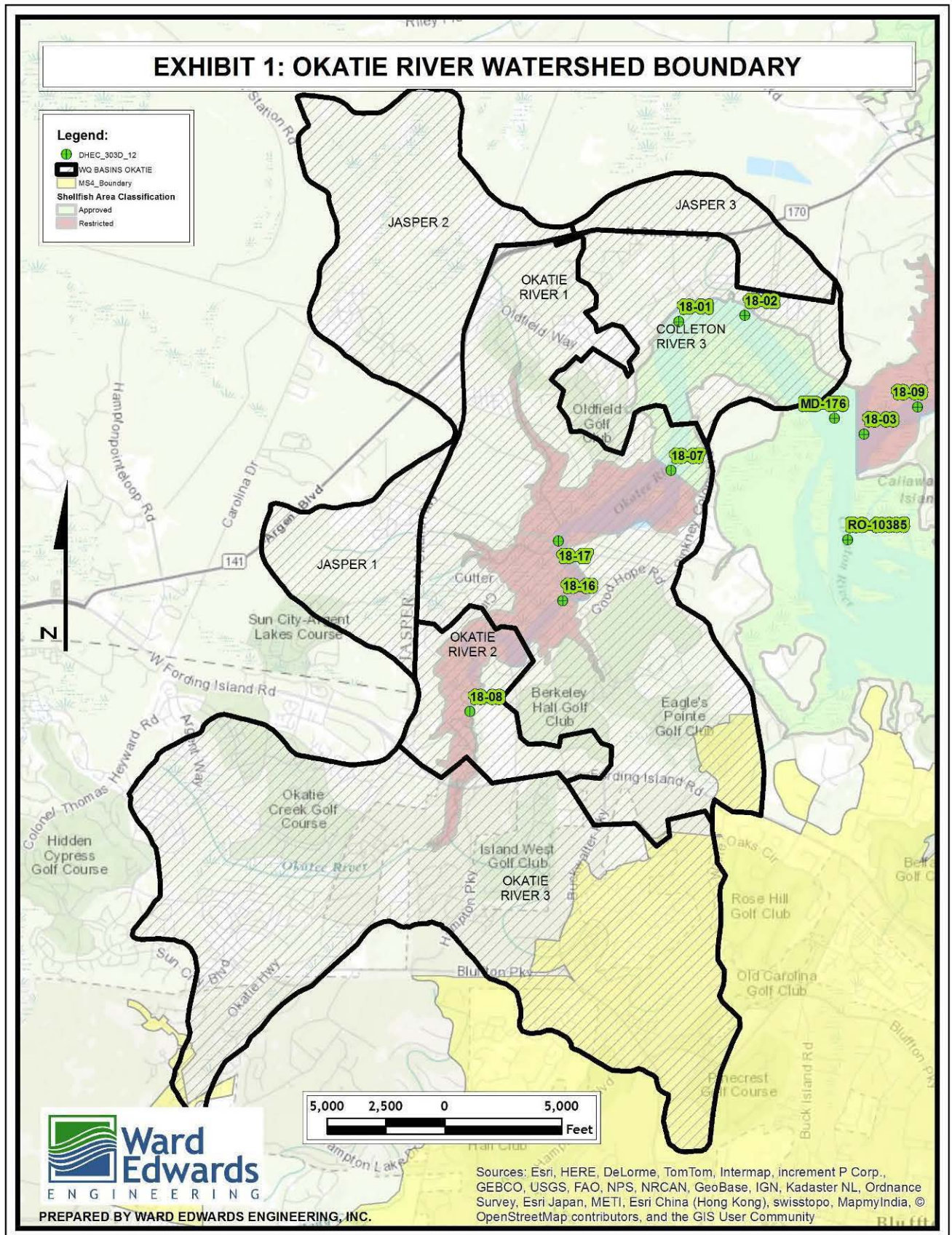
Water Quality within the watershed is generally good, with the exception of the previously mentioned fecal coliform bacteria impairment. Bacteria levels generally meet recreational contact standards at all stations except the headwaters station (18-08); however, the three upstream most stations (18-08, 18-16, & 18-17) generally exceed the shellfish harvesting standards that apply to the River. The "restricted" portions of the river have fluctuated over the years, but are generally located between stations 18-08 and 18-07; with 18-07 being the downstream station at which the classification transitions to "approved". The bacteria concentrations are believed to be improvable based on water quality modeling prepared as part of the County's 2006 *Stormwater Master Plan*, and modeling prepared as part of the 2015 *Watershed Management Plan*. The modeling demonstrates that implementation of regional retrofit BMPs combined with non-regional management strategies such as reducing septic tank usage will reduce the predicted future bacteria loadings in assumed future land-use conditions. Sections 2.4 and 5.5 contain information about the

predictive water quality modeling prepared for the watershed. Addendum 1 of the Watershed Management Plan contains the updated model for the Okatie River 3 water quality sub-basin. The model demonstrates that the proposed pond BMP will provide significant bacteria pollutant removal from the runoff treated by the BMP and make a difference in the bacteria load reaching monitoring station 18-08. Based on field research conducted by Beaufort County, appropriately sized wet detention ponds provide bacteria removal of at least 80%. The proposed Okatie West pond will be undersized for the area it will serve, but should provide at least a 16% (7.78×10^{13} #/yr) removal for runoff entering the pond, and results in a 7% reduction in overall load reaching Station 18-08.

Beaufort County has many other management strategies that are being implemented along with the Okatie West project, including:

- The Okatie East Wetland Enhancement – This project was recently constructed and is undergoing refinement. It is expected to provide an 8.82% (9.74×10^{13} #/yr) reduction in bacteria load reaching station 18-08.
- Highway 278 non-regional retrofits – This project involves construction of four smaller ponds along the recently widened highway directly adjacent to the Okatie River headwaters. They are expected to provide bacteria treatment and runoff volume control for runoff leaving the road.
- Highway 170 widening retrofits – This project is similar to the Highway 278 project in its goals, but is located directly upstream of the Okatie West project. The construction of these ponds will enhance the function of the Okatie West pond by pre-treating runoff that will drain through the Okatie West pond. Pond 6A is located within the same parcel of land as Okatie West and could provide additional detention should the Okatie West wetland delineation reduce the upland area available for the proposed pond.
- Land preservation – Beaufort County has been and continues to preserve land within impaired watersheds such as the Okatie River watershed. The Beaufort County Rural and Critical Land program purchases property or preservation easements to prevent development in areas that could further degrade water quality. The program has preserved 500 acres in the Okatie River watershed and 21,000 acres County-wide. The County is actively pursuing property preservation in the Okatie River including some large parcels directly adjacent to the Okatie River headwaters.
- Educational Programs – Beaufort County's stormwater educational program is handled by the Beaufort Soil & Water Conservation District (BCSWD). The County has partnered with the Town of Bluffton and BCSWD as part of the \$60,000 annual program to host a pond maintenance conference in the County. The conference will teach designers, land developers, and homeowner associations proper design and maintenance strategies that will keep ponds in good working conditions that maximize water quality treatment.
- Illicit discharge ordinance. The County is in the process of developing and implementing an illicit discharge ordinance throughout that County.
- The County is partnering with the Town of Bluffton, the Town of Hilton Head Island, the City of Beaufort, and the Town of Port Royal to fund a \$475,000 update to the County-wide Stormwater Master Plan. SWMP update will include new water quality modeling of critical basins such as the Okatie River and is expected to reveal the most effective management strategies for improving water quality.

The management strategies and projects listed above are all part of the latest Okatie River WMP and were chosen to improve water quality in the watershed. They are being funded by Beaufort County and other local partners. 319 Grant funding for the Okatie West retrofit project will allow quicker implementation of the regional retrofit and will better leverage the County Stormwater fee to implement similar strategies.



B. Specific Objectives and Goals of the Project:

The objective of the project is to construct a water quality retrofit pond that will treat runoff from the 1,170 acre Okatie West tributary of the Headwaters sub-basin, located upstream of SCDHEC monitoring station 18-08. This tributary represents roughly half of the headwaters sub-basin in which the TMDL requires a 51% reduction in bacteria loads. It is not expected that this single project will result in reclamation of the headwaters as an approved shellfish harvesting area, but instead would be a step toward this ultimate goal. The proposed pond is expected to reduce the FC load from the 1200 acre service area by 16% (7.78E+13 #/yr) and result in a 7% reduction in load reaching monitoring station 18.08. The Okatie West project is but a single project among many projects and strategies outlined in the watershed based plan and will continue the County's ongoing efforts to restore the Okatie River. Section 4.0 of the WMP identifies the overall watershed objectives and goals. The objectives and goals specific to this project include:

- Treat stormwater runoff from existing developments that currently have no stormwater BMPs or BMPs that don't meet current standards.
- Reduce the peak runoff rate and runoff volume discharged from the Okatie West tributary. A reduction in the runoff volume to the receiving waters directly results in a reduction to the contaminant loads reaching the River.
- Reduce the amount of bacteria reaching SCDHEC Station 18-08

C. Detailed Project Description:

The primary management strategy that will be implemented as part of this project is the Okatie West Regional Retrofit BMP. The term 'Okatie West' describes the western tributary of the headwaters portion of the Okatie River watershed. The term was first used in the 2002 *Okatie River Watershed Management Plan*, which identified the tributary and targeted it for a regional retrofit project. The Okatie West branch is located in the Okatie 3 water quality sub-basin as delineated in the 2006 *Beaufort County Stormwater Master Plan* (SWMP). The SWMP recommended a retrofit project in the eastern tributary, but not one in the western tributary. The subsequent 2009 *Regional Retrofit Study* added a retrofit site back into the Okatie West branch; specifically recommending a wet detention pond BMP designed to capture runoff from the main outfall canal. The BMP proposed in that 2009 study is the project recommended for this grant.

The service area for the proposed Okatie West BMP would be roughly 1,200 acres and would contain a mixture of land-uses including single family residential (Sun City – Del Webb), small commercial, medical, institutional, and Highway 170. Much of the residential and commercial uses within the basin were developed with relatively current water quality standards, but preceded the most recent volume control standards. The existing highway was constructed and later widened prior to all current water quality standards and volume control standards. For these reasons, it is believed that a regional stormwater pond would benefit water quality within the western branch. Exhibit 2 shows the Okatie West and Okatie East branches within the Okatie River 3 water quality sub-basin.

The site for the proposed BMP consists of two parcels under previously common ownership, totaling 111 acres. The County purchased the property in 2015 as part of the Rural and Critical Land program for two purposes. The first purpose is to limit development of the property due to its location in the sensitive headwaters of the Okatie River watershed. The second purpose was to allow for the construction of the Okatie West regional BMP and two smaller non-regional BMPs detailed in the watershed management plan. The acquired property borders Hwy 170 to the west and partially developed parcels to the north, east, and south. A large jurisdictional wetland containing the main flow path for the western tributary separates the two parcels. A wetland delineation from 2009 showed a 4.8 acres upland area located near the main conveyance channel, surrounded on three sides by wetlands. The existing elevations in the uplands are roughly equal to the elevations in the wetlands. The low elevations of the uplands and its proximity to the conveyance channel make the area well suited to accepting re-routed runoff from the channel and treating it in a stormwater pond BMP. The project will require a new wetland determination and could result in a change in the amount of upland area available for the proposed pond. However, the County has a contingency plan should the usable upland area shrink. There are other upland areas on the property purchased by the County that can be used for a pond, but will require more earthwork and higher construction costs. Site 6A from the Hwy 170 retrofit project is one of the alternate sites for a pond should the wetland delineation change.

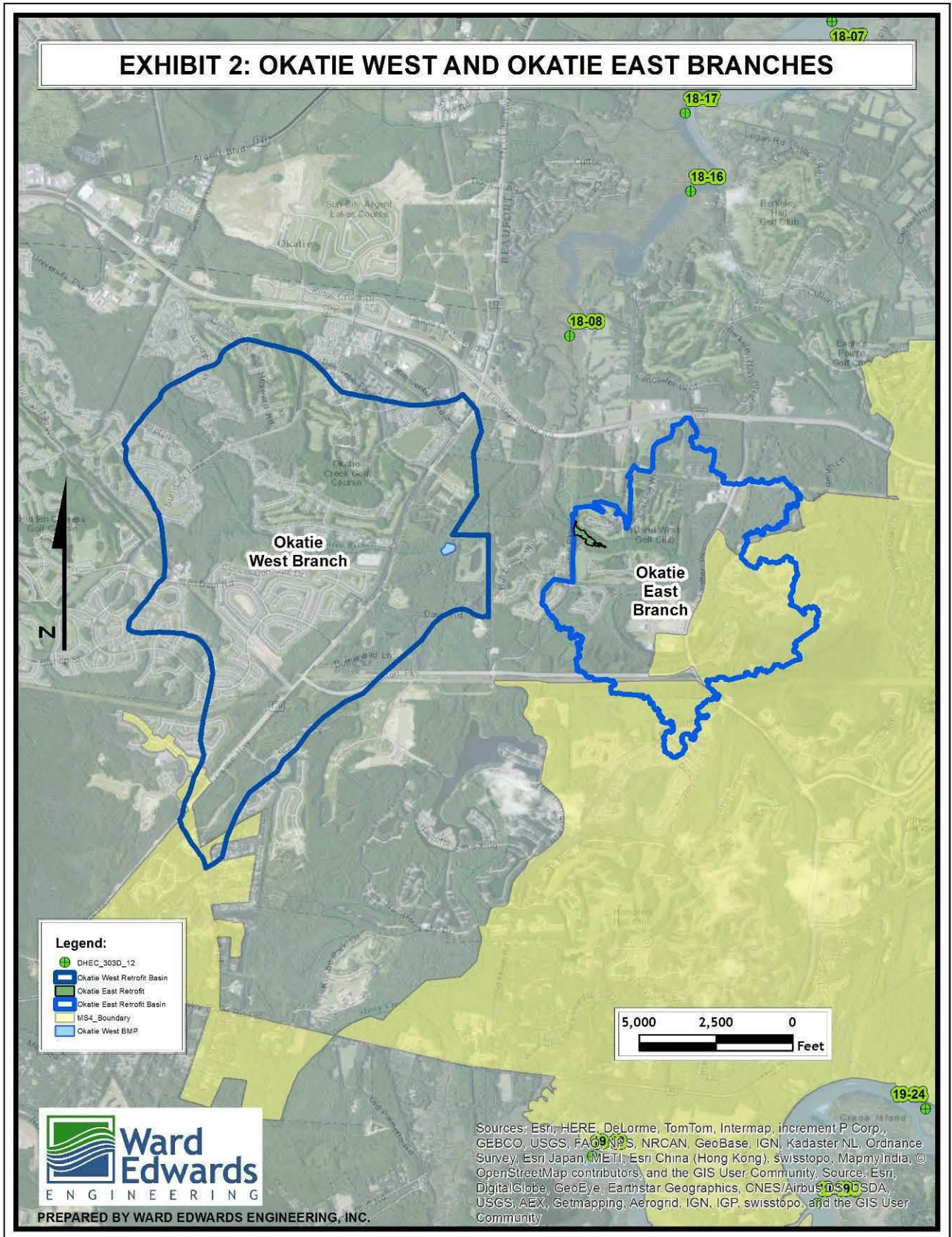
Ponds have been found to be effective in treating stormwater for bacteria removal in Beaufort County. Modeling done as part of the Watershed Management Plan update indicates that the proposed pond will remove 16% of the bacteria load from the 1200 acres watershed. Ponds typically provide an 80% removal efficiency, but the model adjusted the

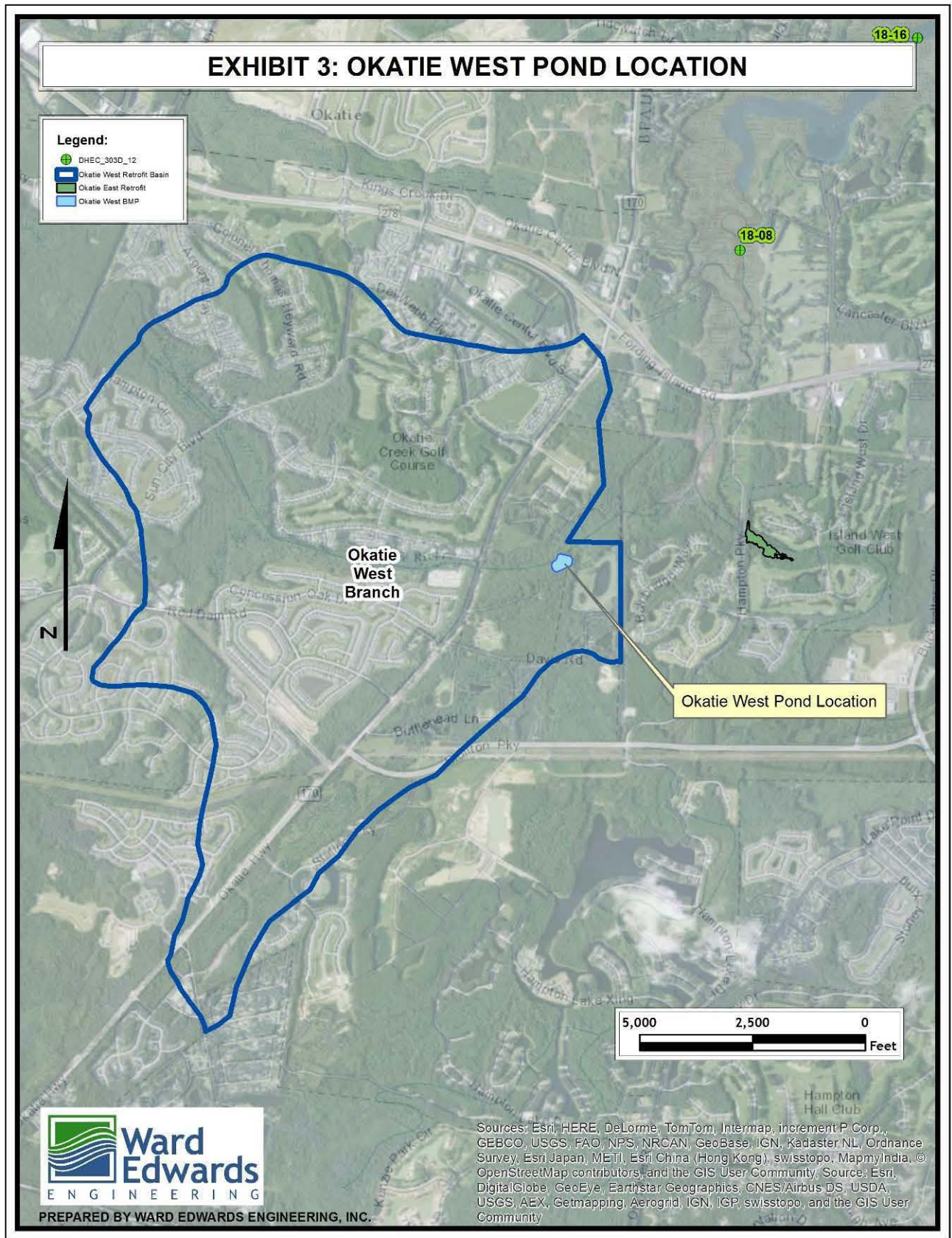
removal by a factor taking into account the proposed pond size. If additional pond area becomes available as part of the new wetland delineation or if the 6A alternative is used, then removal efficiencies could increase.

Ponds can also be designed to reduce flashy discharges of runoff volume. Increases in stormwater volume from development are believed to be contributing to higher bacteria counts in the saltwater rivers. Higher bacteria measurements have been observed with lower salinities in estuarine water bodies and it is believed to be related to higher fecal coliform mortality rates in higher salinities. Previous stormwater regulations required the analysis of pre-post peak discharge rates, but not pre-post volume control. The likely result of these standards is that land development over the past twenty years is producing large slugs of freshwater discharges in high volumes inconsistent with natural pre-development hydrology and hydraulics. For these reasons, Beaufort County has been including runoff volume reducing strategies in all BMP designs targeting bacteria treatment, and that is the case for the Okatie West Retrofit Project.

Being fairly close to the downstream sub-basin discharge point would allow the pond to serve the majority of the 1,200 acre sub-basin, which would help supplement the existing upstream stormwater treatment BMPs. Exhibit 3 shows the proposed pond location within the sub-basin.

EXHIBIT 2: OKATIE WEST AND OKATIE EAST BRANCHES





The proposed BMP concept involves constructing a new 2.4 acre pond within the upland area that is in close proximity to the nearby outfall canal. The outfall canal would be redirected to drain to the pond for treatment of the runoff prior

to discharge back to the downstream canal. The pond will be constructed with an outlet control structure that would provide the detention component; controlling the small, more frequent storms, and bypassing the larger, less frequent storms. The proposed project will require topographic surveying, wetland delineation, wetland impact permitting, engineering design, and regulatory permitting prior to construction. The project concept was presented in 2010 to the U.S. Army Corp of Engineers Inter-Agency Review Team for a pre-application review. The agencies represented at the meeting, including USACE, SCDHEC-EQC, SCDHEC-OCRM, USFWS, SCDNR, and SHPO were in favor of the project and didn't anticipate any permitting issues, provided the detention pond is constructed in upland areas. The wetland impact permits required to direct flow to and from the pond could be permitted (possibly under Nationwide Permits), as long as the detention occurs outside waters of the State as is intended. The conceptual design proposes to limit the pond to the upland area based on the existing wetland delineation that is to be renewed during the project permitting. Exhibit 4 shows the proposed pond size and configuration.

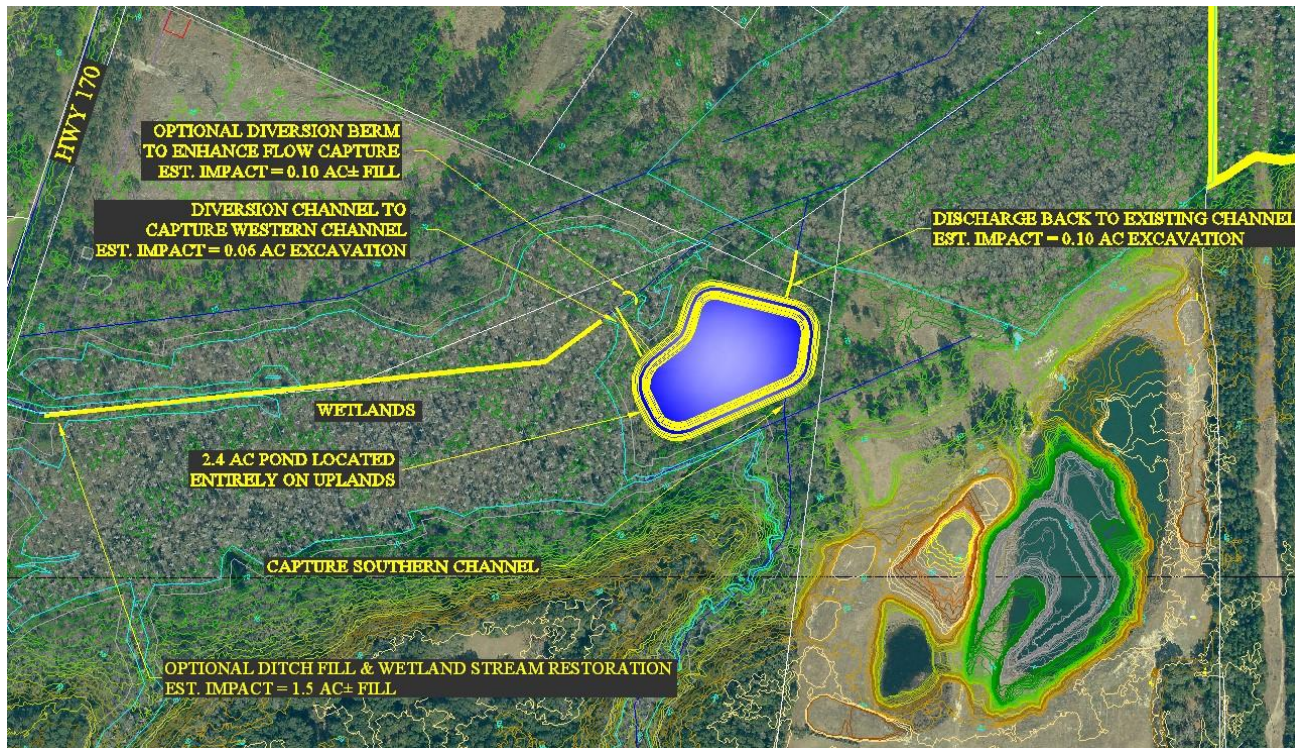


Exhibit 4 – Proposed Okatie West Pond Concept

Beaufort County recently acquired the property that would contain the proposed pond, with the express intent of implementing this project. Obtaining the property was perhaps the biggest challenge to overcome in the implementation, but there are a number of other design and permitting steps needed to construct the project. These tasks were identified in the Regional Retrofit Study and will have to be addressed during the design and permitting of the BMP. The 2009 wetland delineation for the property has expired, so a new delineation verification will be necessary. It is possible that the size and shape of the upland area in which the pond is planned may change, but the operation of the pond would not be affected by a change in the configuration. Redirecting flow to the pond will require wetland impacts but these impacts could be permitted as nationwide permits, which will simply the permit process and timeline.

Detailed information on the proposed BMP sizing calculations and predictive modeling analyses are presented in the Regional Retrofit Study and in the 2015 *Watershed Management Plan*. Results of the conceptual modeling analyses estimate a 20% reduction in peak flow rate and a 6% reduction in runoff volume at the Okatie River outfall. Updated water quality modeling from the WMP indicates that the pond will reduce bacteria loads from the BMP service area by 16%.

Beaufort County is seeking funds to help with the construction of the proposed BMP. The County will directly fund the following items related to the design, permitting, and construction of the project:

- Tree and topographic survey of the site, including the existing canal, the proposed pond site, and the area that will provide access to the site from Hwy 170
- Renewal of the expired wetland verification
- Engineering design of the proposed pond and channel re-routing
- Wetland impact permitting to re-route flow to the pond and to discharge treated stormwater back to the canal.
- State and local level regulatory permitting

The above services will be contracted by the County through their standard procurement procedures or through their current on-call stormwater engineering consultant. Construction services will also be contracted by the County through their standard procurement rules. The County will provide the non-federal match through the Stormwater Utility Capital Reserve Fund. The Stormwater Utility will also be responsible for the long-term maintenance of the BMP and the post-construction monitoring. Beaufort County will own, operate, and maintain the proposed BMP through its Public Works Department.

D. Information/Education Component:

The information and public outreach component of this project will focus on the joint efforts of the County Stormwater Utility and the County's Rural & Critical Land Program. The Rural & Critical Land Program (RCL) has been in place since the year 2000 and involves property tax increases dedicated to funding the purchase of properties or preservation easements in environmentally sensitive areas. Overall, the program has preserved more than 22,000 acres county-wide and 500 acres of land within the Okatie River watershed. Additional land preservation is an important anti-degradation component of the Okatie River Watershed Management Program, but retrofit projects are needed to address existing water quality problems. However, the past RCL program focused simply on preservation and prevented the County from using the acquired property for stormwater treatment projects. The continuation of the program approved by voters in 2014 was amended to allow stormwater projects, and the Okatie West will be one of the first retrofit projects to be implemented by the County on land acquired by the RCL program. The Okatie West project could serve as an example project to educate the community on both the RCL program and the Stormwater Utility, uniting the outreach programs for each.

Signage is typically placed at all land preserved by the RCL, and will be done at the site of the Okatie West as well; however, the signage in this case will include information related to the Stormwater Utility's work in restoring the Okatie River. The target audience for the education program will be the residents and homeowners within the watershed. For example, the Sun City development just across the highway from the project site has many retired homeowners, most of who are recently moved to the County from other parts of the country. They may be unaware of the impairments in the river; one of the many natural resources that drew them to the area. The County plans to do a workshop prior to construction to inform the general public (focusing on the nearby residents of Sun City) of the water quality impairments, the needed improvements, and how they can help contribute. The workshop will be capped by a tour of the proposed BMP site. This workshop offers the chance to inform residents of other important practices they can personally participate in such as pet waste disposal, irrigation reuse, or septic system maintenance. Educating the nearby homeowners in this manner will help with some of the watershed management plan strategies such as the community wide irrigation reuse and pet waste programs.

A secondary outreach strategy will be the education of developers and engineers on proper maintenance of ponds. Proper pond and stormwater BMP maintenance is a growing concern in Beaufort County as the BMPs constructed 15 to 20 years ago are reaching the point where they need significant maintenance in order to continue functioning as intended. This pond will be maintained by the Beaufort County Stormwater Utility and may be an opportunity for the County to demonstrate maintenance practices to commercial and institutional landowners on proper maintenance. The proposed outreach will come in the form of a workshop near the completion of the project construction, including a field visit to the site for physical demonstration of proper pond design and construction related bank stabilization, vegetation removal and pipe cleaning. The proposed BMP will also serve as a good demonstration of an effective bacteria treatment BMP, so the County intends to continue offering site tours after completion of the Grant project.

E. Anticipated Environmental Results:

Since runoff volume control is a planned component of the BMP, the proposed BMP was modeled to determine the effects it will have on the runoff hydrology. The model prepared as part of the 2009 Regional Retrofit Study, estimates

that the BMP will result in a 20% reduction in peak flow rate and a 6% reduction in the runoff volume reaching the Okatie River. Increases in stormwater volume from development are believed to be contributing to higher bacteria counts in the saltwater rivers. Higher bacteria measurements have been observed with lower salinities in estuarine water bodies and it is believed to be related to higher fecal coliform mortality rates in higher salinities. Although data analysis has not indicated a net long-term decrease in salinity of County waters, the slugs of freshwater may be causing extreme variations of salinity, resulting in the more frequent instances of bacteria counts exceeding the state standards. The effect is more pronounced in the upstream, headwaters portion of rivers such as the Okatie River. For these reasons, reductions in runoff volume and reductions in the peak rate the volumes are reaching the river, are expected to have positive results in the bacteria counts in the Okatie River. This project combined with the other volume reducing strategies proposed in the Watershed Management Plan are expected to produce long term improvements in the water quality beyond simple anti-degradation goals.

The *Beaufort County Stormwater Manual for Stormwater Best Management Practices* estimates that wet detention ponds provide an average bacteria removal rate of 80% based on historical research of ponds in similar environments. Field research by Beaufort County of actual installed and functioning ponds within the Okatie River Watershed has demonstrated removal efficiencies as high as 99% (*Eagles Point PUD Water Quality Monitoring & Testing Report*). The only stormwater quality modeling done for the Okatie River was performed as part of the 2006 *Stormwater Master Plan*. The assumed future conditions such as land use, septic coverage, and proposed BMPs used in that modeling are far out of date and inaccurate to the current and proposed conditions. The 2006 model was based on a BMP located in a different part of the sub-basin with a much smaller service area. The Okatie West BMP was proposed as part of the 2009 *Regional Retrofit Study*, which found a better location for the proposed Okatie headwaters BMP, with a much larger service area. Bacteria reduction amount haven't been modeled based on the new BMP size and located, but they are expected to be much better given the larger service area. ***Beaufort County will be updating the SWMP in the following year, but for the purpose of the Okatie West Project, they expect that the pond will provide as much as a 90% removal efficiency for the 1,200 sub-basin served by the BMP.*** In the meantime, the Addendum to the Watershed Management Plan included a simple water quality model of the BMP service area that demonstrates an estimated load reduction of 7.78E+13 #/yr, which equates to a 16% reduction in load from the BMP service area and a 7% load reduction at Station 18-08. Combined with the other structural BMPs the County is currently implementing, the model is predicting a 16% reduction in bacteria load at Station 18-08.

Monitoring data at SCDHEC shellfish station 18-08 should indicate some positive results from the project implementation. The Okatie West BMP will not likely provide enough bacteria load reduction to completely recover shellfish harvesting in the River by itself, but the County has many other projects and strategies planned that will help achieve the desired results.

F. Technical And Financial Assistance Needed:

The only technical support needed beyond the Beaufort County Stormwater Utility will be the survey, engineering, and natural resources expertise needed to implement the project. The County plans to acquire the technical support through contracting with private engineering, surveying, and natural resources consultants. Permits that may be needed include a SCDHEC-NPDES permit, a wetland impact permit, a SCDOT encroachment permit, and a Town of Bluffton planning permit. No additional financial assistance is needed to implement the Okatie West Project, because the Beaufort County Stormwater Utility has been saving money for this and other projects by means of a Capital Improvements Fund.

G. Completion of Watershed-Based Plan Implementation:

Initial plan implementation was completed via a 319 Grant with LOCOG along with matching activities funded by Beaufort County. Beyond this, the County is already in the process of implementing components of the *Okatie River Watershed Management Plan*. The Okatie West project is a flagship component to the County's watershed plan that if fully funded with our grant request, will facilitate a quicker implementation and will allow the County to leverage the Stormwater Utility funding towards the other WMP strategies. The following projects and strategies are already being implemented and are described in greater detail in the WMP:

- Okatie East Wetland Restoration – This is a regional retrofit in the eastern branch of the Okatie River headwaters designed to reduce the runoff volume reaching the river. The project was constructed and is currently being monitored and refined to optimize the stormwater detention and treatment.
- Highway 278 Widening Retrofits – Beaufort County is currently constructing 4 small ponds at existing outfalls from the Hwy 278 widening that was recently completed. The ponds are intended to treat runoff from the impervious areas added during the highway widening.
- Highway 170 Widening Retrofits – Similar to the Hwy 278 project, this project involves constructing small detention BMPs to treat runoff from a public road that is currently being widened. The County is pursuing the property needed to construct the BMPs and plans to design, permit, and construct the BMPs as the property is acquired.
- Land Preservation: Through its Rural and Critical Land Program, Beaufort County is actively pursuing property within the Okatie River to preserve. Most notably is an 84 acre parcel directly adjacent to the River that is the site of horse pastures noted in the Okatie River TMDL. The County Council has been debating the merits of the purchase and will be holding subsequent votes within the month of May.
- Education & Outreach: The Beaufort County Stormwater Utility has an active public education and outreach program that focuses on a variety of water quality topics applicable to homeowners, developers, and professional services.
- Illicit Discharge Ordinance: The County is in the process of developing an illicit discharge ordinance and inspection/enforcement plan.

The above strategies and projects are the highest priority strategies, but others mentioned in the Watershed Management Plan are also being pursued; as the County's Stormwater Utility is actively preparing short-term and long-term plans. Beaufort County Stormwater Utility has been implementing projects through their Capital Improvements Fund, but will need additional funding sources to leverage the shrinking fund. It is anticipated that other projects in the watershed based plan can be funded through future 319 grants and by State Revolving Fund loans. The County is current performing a rate study to plan for future funding sources, and is considering debt service options such as SRF and revenue bonds as part of the rate study.

H. Measurable Milestones:

#	Month	Milestone
1	Quarterly	Submit progress reports, invoices, MBE/WBE forms and BMP information per schedule outlined in grant agreement.
2	30 days after project completion	Submit final invoice and final technical closeout report to DHEC. Submit Final Budget Report within 45 days of project close.
3	Month 1	Public education workshop and site visit for nearby residents
4	Months 1-4	Project survey & initiate wetland verification update
5	Months 4-6	Preliminary Engineering
6	Months 6-27	Complete final design and update wetland verification
7	Months 27-33	Project regulatory permitting
8	At the start of construction	Erect signage at along Highway 170 informing the general public of the water quality BMPs purpose, benefit, and contribution of the Rural & Critical Lands program
9	Months 33-36	Construction procurement
10	Months 36-45	Construction
11	Months 45-48	Post Construction public education workshop and site visit for local developers & engineers
11	30 days after project completion	Submit final invoice and final technical closeout report to SCDHEC. Submit Final Budget Report within 45 days of project close

I. Measures Of Project Success:

1. Installation and proper function of the regional BMP as proposed in the conceptual design
2. Gradual decrease and stabilization in fecal coliform bacteria at SCDHEC station 18-08
3. Participation and feedback from workshops and site visits

7. PROPOSED BUDGET**A. Overall Project Budget**

	Federal	Non-Federal	Total
Personnel - Salary			\$0.00
Personnel - Fringe			\$0.00
Travel			\$0.00
Equipment			\$0.00
Supplies			\$0.00
Contractual		\$110,000.00	\$110,000.00
Construction	\$792,000.00	\$418,000.00	\$1,210,000.00
Other			\$0.00
Indirect (Requires additional documentation)			\$0.00
TOTAL	\$ 792,000.00	\$ 528,000.00	\$1,320,000.00

B. Budget Narrative:

Personnel - Salary: None: All services will be contracted

Personnel – Fringe: None: All services will be contracted

Travel: None: All services will be contracted

Equipment: None: Contracted professionals will provide their own equipment

Supplies: None: Contracted professionals will provide their own supplies

Contractual: Beaufort County will contract the surveying, natural resources consulting, geotechnical testing, and engineering design services. The contractual costs were estimated from the conceptual Budget presented in the 2015 *Okatie River Watershed Management Plan*, which updated the conceptual costs from the 2009 *Regional Retrofit Study*.

Construction: Construction services will be procured by the County through their established procurement rules. The construction costs were estimated from the conceptual Budget presented in the 2015 *Okatie River Watershed Management Plan*, which updated the conceptual costs from the 2009 *Regional Retrofit Study*. The amounts for individual construction items are presented below in the “Okatie West BMP Retrofit Cost Estimate” table.

Other: None

Indirect : None

The following cost estimate was originally prepared as part of the 2009 *Regional Retrofit Study*, and later revised as part of the 2015 *Okatie River Watershed Management Plan*. The actual construction costs will be highly dependent on the offsite use and/or disposal of the soil excavated from the proposed pond. ***Beaufort County hopes to be awarded the full amount of the Federal Request but is prepared to fund the difference from the Stormwater Utility Capital Improvement Reserve Fund and possibly from debt services. However a full Federal Match would help better leverage the County’s Capital Reserve Fund for the other projects planned within the Watershed; projects necessary to achieve the goal of fully restoring the Okatie River shellfish harvesting.***

Okatie West BMP Retrofit Cost Estimate from the Okatie River Watershed Management Plan					
	Units	Unit Cost	Quantity	Cost	
Mobilization	EA	\$10,000	1	\$10,000	
Site Prep/Restoration Erosion & Sediment Control	EA	\$7,500	1	\$7,500	
Clearing	AC	\$5,500	8	\$44,000	
Gravel Access Road	SY	\$25	4,400	\$110,000	
Excavation & Offsite Disposal	CY	\$20	43,000	\$860,000	
30" RCP	LF	\$50	150	\$7,500	
Outlet Control Structure	EA	\$10,000	1	\$10,000	
Rip Rap Overflow Weir & Outlet Protection	SY	\$150	250	\$37,500	
Grassing & Stabilization	SY	\$0.50	27,000	\$13,500	
Pre-Contingency Sub-total				\$1,100,000	
Contingency (10%)				\$110,000	
Construction Sub-total				\$1,210,000	Construction - \$1,210,000
Engineering/Legal/Admin (10%)				\$110,000	Engineering (Contractual) - \$110,000
Total				\$1,320,000	Total - \$1,320,000

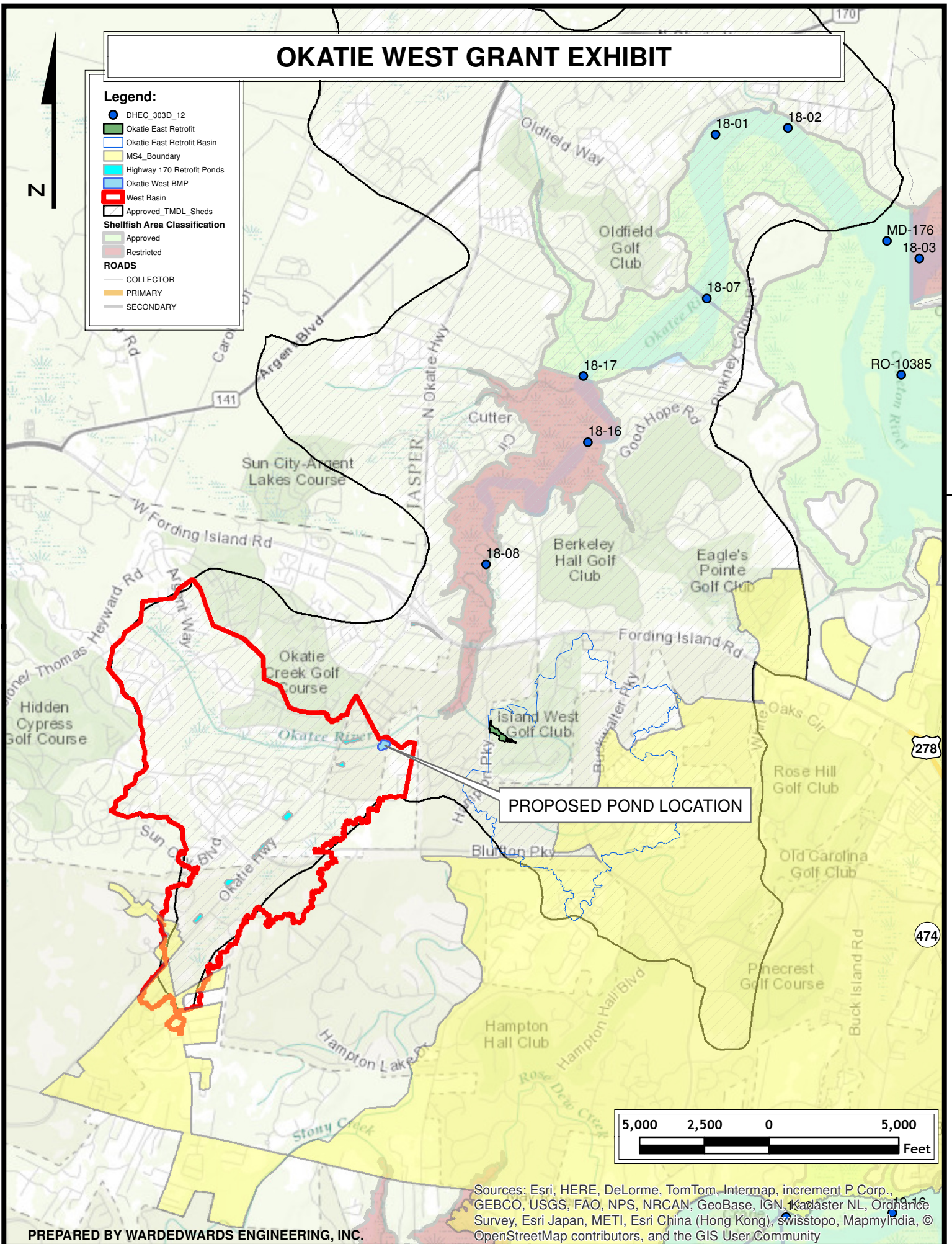
Okatie West Water Quality Retrofit									
Section	Federal Budget (to be billed to 319 Grant)				Section	Non-Federal Budget (Match to grant)			
1	Federal: Personnel - Salary Costs (Lead Organization Personnel ONLY)				10	Non-Fed: Personnel - Salary, In-Kind Hours (Lead Organization ONLY)			
	Employee	# of Hours or Years	Hourly Rate or Salary	Total Cost		In-Kind Employee	# of Hours	Hourly Rate	Total Cost
		0.00	\$0.00	\$0.00			0.00	\$0.00	\$0.00
			Section 1 TOTAL	\$0.00				Section 10 TOTAL	\$0.00
2	Federal: Personnel - Fringe Benefits Costs (Lead Organization Personnel ONLY)				11	Non-Fed: Personnel - Fringe Benefits Costs (Lead Organization ONLY)			
	Percentage of TOTAL Federal Salary		0.00%			Percentage of TOTAL Non-Federal Salary		0.00%	
			Section 2 TOTAL	\$0.00				Section 11 TOTAL	\$0.00
3	Federal: Travel (Lead Organization Personnel ONLY)				12	Non-Fed: Travel (Lead Organization ONLY)			
	Employee	# of miles	Per Mile	Total Cost		Employee	# of miles	Per Mile	Total Cost
		0.00	\$0.575	\$0.00			0.00	\$0.575	\$0.00
		Mileage	Sub Total	\$0.00			Mileage	Sub Total	\$0.00
**	Overnight Travel Cost		\$0.00	\$0.00	**	Overnight Travel Cost		\$0.00	\$0.00
			Section 3 TOTAL	\$0.00				Section 12 TOTAL	\$0.00
4	Federal: Equipment (If applicable. Equipment is defined as single items with cost over \$2,500)				13	Non-Fed: Equipment (If applicable. Equipment is defined as single items with cost over \$2,500)			
	Description	Single Cost	Number Needed	Total Cost		Description	Single Cost	Number Needed	Total Cost
		\$0.00	0	\$0.00			\$0.00	0	\$0.00
			Section 4 TOTAL	\$0.00				Section 13 TOTAL	\$0.00
5	Federal: Supplies (i.e., office supplies, laptop, printing costs, postage)				14	Non-Fed: Supplies (i.e., office supplies, laptop, printing costs, postage)			
	Description	Cost				Description	Cost		Total Cost
		\$0.00		\$0.00			\$0.00		\$0.00
			Section 5 TOTAL	\$0.00				Section 14 TOTAL	\$0.00
6	Federal: Contractual / Services - Section A (Sub-Contractor services, not associated with salary)				15	Non-Fed: Contractual / Services - Section A (Not associated with volunteered time)			
A	Description	Cost		Total Cost	A	Description	Cost		Total Cost
		\$0.00		\$0.00		Surveying & Engineering	\$110,000.00		\$110,000.00
		\$0.00		\$0.00			\$0.00		\$0.00
			Section A Sub Total	\$0.00				Section A Sub Total	\$110,000.00
B	Federal: Contractual / Services - Section B - Salary Costs (Sub-Contractors)				B	Non-Fed: Contractual / Services - Section B - Salary Costs (In-Kind from Volunteers, etc.)			
	Employee	Total # of Hours	Hourly Rate	Total Cost		In-Kind Employee	Total # of Hours	Hourly Rate	Total Cost
		0.00	\$0.00	\$0.00			0.00	\$0.00	\$0.00
			Section B Sub Total	\$0.00				Section B Sub Total	\$0.00
C	Federal: Contractual / Services - Section C - Travel (Sub-Contractors)				C	Non-Fed: Contractual / Services - Section C - Travel (In-Kind from Volunteers, etc.)			
	Employee	Mileage	Per Mile	Total Cost		In-Kind Employee	Mileage	Per Mile	Total Cost
		0.00	0.575	\$0.00			0.00	0.575	\$0.00
			Section C Sub Total	\$0.00				Section C Sub Total	\$0.00
			Section 6 TOTAL	\$0.00				Section 15 TOTAL	\$110,000.00

7 Federal: Construction (i.e. BMPs)					16 Non-Fed: Construction (i.e. BMPs)				
	Description	Single Cost	Number Needed	Total Cost		Description	Single Cost	Number Needed	Total Cost
	BMP Construction	\$792,000.00	1	\$792,000.00		BMP Construction	\$418,000.00	1	\$418,000.00
		\$0.00	0	\$0.00			\$0.00	0	\$0.00
			Section 7 TOTAL	\$792,000.00				Section 16 TOTAL	\$418,000.00
8 Federal: Other					17 Non-Fed: Other				
	Description	Cost				Description	Cost		
		\$0.00	Section 8 TOTAL	\$0.00			\$0.00	Section 17 TOTAL	\$0.00
9 Federal: Indirect					18 Non-Fed: Indirect				
		Include Attachment 4					Include Attachment 4		
	Percentage of TOTAL Federal Salary		0.00%			Percentage of TOTAL Non-Federal Salary		0.00%	
			Section 9 TOTAL	\$0.00				Section 18 TOTAL	\$0.00
FEDERAL Budget Summary					NON-FEDERAL Budget Summary				
19	Category	Section Totals	Percentage			Category	Section Totals	Percentage	
	Federal:					Non-Federal / Match			
1	Personnel - Salary	\$0.00			10	Personnel - Salary	\$0.00		
2	Personnel - Fringe	\$0.00			11	Personnel - Fringe	\$0.00		
3	Travel	\$0.00			12	Travel	\$0.00		
4	Equipment	\$0.00			13	Equipment	\$0.00		
5	Supplies	\$0.00			14	Supplies	\$0.00		
6	Contractual / Services	\$0.00			15	Contractual / Services	\$110,000.00		
7	Construction	\$792,000.00			16	Construction	\$418,000.00		
8	Other	\$0.00			17	Other	\$0.00		
9	Indirect	\$0.00			18	Indirect	\$0.00		
	Federal TOTAL	\$792,000.00	60.00%	Federal TOTAL		Non-Federal TOTAL	\$528,000.00	40.00%	Non-Federal TOTAL
19	Grand TOTAL	\$1,320,000.00	FEDERAL & NON-FEDERAL Budget Grand Total						

OKATIE WEST GRANT EXHIBIT

Legend:

- DHEC_303D_12
- Okatie East Retrofit
- Okatie East Retrofit Basin
- MS4_Boundary
- Highway 170 Retrofit Ponds
- Okatie West BMP
- West Basin
- Approved_TMDL_Sheds
- Shellfish Area Classification**
 - Approved
 - Restricted
- ROADS**
 - COLLECTOR
 - PRIMARY
 - SECONDARY



PROPOSED POND LOCATION



Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Addendum 1 – Okatie River Watershed Management Plan

June 2015

Addendum Purpose

The most recent Beaufort County Stormwater Master Plan and associated water quality modeling was completed in 2006 and is due to be updated. The County is currently procuring engineering assistance to update the SWMP, but it will be a year or more before those services are completed. The water quality models associated with the current SWMP are out of date given the land-use changes over the past ten years, the changes in the County's stormwater regulations, the recent water quality BMPs installed, and the water quality BMPs proposed within the Okatie River watershed. However, analysis of the proposed regional BMPs required some sort of water quality model to evaluate and predict the effectiveness of the BMPs. This Addendum was prepared to model the water quality removal efficiencies of the two regional retrofit projects within the headwaters portion of the watershed (Okatie River 3).

Water Quality Model Methodology & Assumptions

The original 2006 SWMP water quality model was prepared using a spreadsheet model developed by the CDM Smith called the Watershed Management Model (WMM). The spreadsheet model considered the land-use based non-point source pollution loading factors (Event Mean Concentrations), stormwater runoff rates, base flow runoff rates, septic tank impacts, and point source loads. The spreadsheet model results for each water quality sub-basin were calculated separately and then applied to a one dimensional hydrodynamic tidal flushing model called the Water Quality Analysis Simulation Program (WASP) to evaluate the longer term fate of the pollutants during tidal flushing and to identify more sensitive watersheds.

For the purpose of this model update, a spreadsheet model similar to the WMM was developed using the original model input and assumptions. However, the new model used updated land-uses from current aerial photography, along with considerations for the currently proposed regional BMPs. Only the Okatie River 3 sub-basin was analyzed because this was the area of specific concern related to the proposed BMPs. The model results provide average annual pollutant runoff load estimates from each land-use type for both base flow conditions and rainfall runoff conditions, based on EMCs and yearly average baseflow and runoff. Point source loads were not used in the model because there are no waste water treatment plants within the watershed. The resulting annual loads area added together to get a total sub-basin pollutant load and then the BMP removal effectiveness was applied to the load to determine the amount of pollutant load reductions. The load reductions were also factored based on the percentage of the sub-basin served by the proposed BMPs and by a sizing factor related to the proposed BMP size compared to the optimum BMP size.

Table 2-5 from the SWMP lists the Average Annual Runoff in inches/year for each land-use type:

**TABLE 2-5
LAND USE CATEGORIES AND ASSOCIATED RUNOFF COEFFICIENTS
FOR ANNUAL LOAD CALCULATIONS**

Urban Systems

Land Use	% Impervious	Impervious Runoff Coefficient	Pervious Runoff Coefficient	Average Annual Runoff (inches/year)
Low-Density Residential	10%	0.90	0.10	8.7
Medium-Density Residential	25%	0.90	0.10	14.5
High-Density Residential	50%	0.90	0.10	24.2
Institutional	38%	0.90	0.10	19.6
Industrial / Transportation	72%	0.90	0.10	32.7
Commercial / Business	85%	0.90	0.10	37.8
Golf Courses	1%	0.90	0.10	5.2
Impervious	100%	0.90	0.10	43.6
Open Space*	1%	0.90	0.10	5.2

*e.g., parks, cemeteries

Agricultural Systems

Land Use	% Impervious	Impervious Runoff Coefficient	Pervious Runoff Coefficient	Average Annual Runoff (inches/year)
Row Crop	1%	0.90	0.10	5.2
Silvaculture	1%	0.90	0.10	5.2

Natural Systems

Land Use	% Impervious	Impervious Runoff Coefficient	Pervious Runoff Coefficient	Average Annual Runoff (inches/year)
Open Water	100%	1.00	0.10	48.4
Forested Wetland	100%	0.25	0.10	12.1
Non-Forested Wetland	100%	1.00	0.10	48.4
Sandy Area	100%	1.00	0.10	48.4
Forestland	1%	0.90	0.10	5.2
Grassland	1%	0.90	0.10	5.2

Table 2-6 lists the Runoff Event Mean Concentrations (EMCs) for each land-use

TABLE 2-6
RUNOFF EVENT MEAN CONCENTRATIONS (EMCs) FOR ANNUAL LOAD CALCULATIONS

Urban Systems

Land Use	BOD (mg/l)	TSS (mg/l)	Total-P (mg/l)	Total-N (mg/l)	Lead (mg/l)	Zinc (mg/l)	Fecal Coliform (#/100 ml)
Low-Density Residential	11	117	0.40	1.9	0.020	0.078	32,200
Medium-Density Residential	11	117	0.40	1.9	0.020	0.078	32,200
High-Density Residential	10	116	0.29	1.9	0.016	0.119	21,750
Institutional	10	117	0.23	1.9	0.016	0.119	32,200
Industrial / Transportation	10	116	0.23	1.9	0.016	0.119	11,100
Commercial / Business	10	116	0.23	1.9	0.016	0.119	11,300
Golf Courses	2	26	1.30	2.6	0.009	0.041	6,400
Impervious	10	116	0.23	1.9	0.016	0.119	11,300
Open Space*	2	26	0.10	1.3	0.001	0.006	6,400

*e.g., parks, cemeteries

Agricultural Systems

Land Use	BOD (mg/l)	TSS (mg/l)	Total-P (mg/l)	Total-N (mg/l)	Lead (mg/l)	Zinc (mg/l)	Fecal Coliform (#/100 ml)
Row Crop	4	55	1.30	2.6	0.009	0.041	6,400
Silviculture	4	55	0.14	2.1	0.009	0.041	6,400

Natural Systems

Land Use	BOD (mg/l)	TSS (mg/l)	Total-P (mg/l)	Total-N (mg/l)	Lead (mg/l)	Zinc (mg/l)	Fecal Coliform (#/100 ml)
Open Water	3	6	0.16	1.3	0.006	0.146	6,400
Forested Wetland	2	26	0.10	1.3	0.001	0.006	6,400
Non-Forested Wetland	3	6	0.16	1.3	0.006	0.146	6,400
Sandy Area	3	6	0.16	1.3	0.006	0.146	6,400
Forestland	2	26	0.10	1.3	0.001	0.006	6,400
Grassland	2	26	0.10	1.3	0.001	0.006	6,400

Source: CDM, 2003

Table 2-7 lists the Baseflow EMCs applied to all land-uses

TABLE 2-7
BASEFLOW EVENT MEAN CONCENTRATIONS (EMCs) FOR ANNUAL LOAD CALCULATIONS

BOD (mg/l)	TSS (mg/l)	Total-P (mg/l)	Total-N (mg/l)	Lead (mg/l)	Zinc (mg/l)	Fecal Coliform (#/100 ml)
3	18	0.16	1.0	0.001	0.001	200

Source: T&H sampling - Eagle's Pointe and Buckwater

Table 2-11 lists the BMPs and associated pollutant removal efficiencies

TABLE 2-11
BMPs AND ASSOCIATED REMOVAL EFFICIENCIES FOR ANNUAL LOAD CALCULATIONS

BMP Type	BOD	TSS	Total-P	Total-N	Lead	Zinc	Fecal Coliform
Wet Detention Basin	40%	80%	60%	40%	80%	70%	80%
Extended Dry Detention Basin	30%	80%	30%	15%	80%	50%	35%
Modified Extended Dry Detention Basin	35%	80%	45%	25%	80%	60%	50%
Infiltration	75%	90%	55%	45%	75%	75%	90%
Grass Swale with Check Dams	20%	70%	25%	20%	60%	40%	30%
Biofiltration Swale	10%	30%	15%	10%	30%	25%	10%
Bioretention	50%	80%	55%	30%	80%	60%	70%
Innovative Technology							
- Swirl Concentrator	30%	80%	30%	15%	80%	50%	10%
- Settling/Filtration	30%	80%	30%	15%	80%	50%	35%
- Settling/Wetland	40%	80%	60%	40%	80%	70%	70%

Source: CDM, 2003.

Updated Water Quality Model for Okatie River 3 Water Quality Sub-basin

The updated spreadsheet model used the above mentioned methodology and input data to calculate the total bacteria pollutant load generated in the sub-basin. The model then calculated the service area and BMP sizing weighted removal efficiencies for the two regional retrofits within the sub-basin; the recently constructed Okatie East Wetland Enhancement and the proposed Okatie West Regional Pond. The spreadsheet model is shown below.

Okatie River 3 Water Quality Sub-WQ Calculations Summary

Annual Baseflow Rate	7	inches/yr/acre
Annual Baseflow	3368.75	ac/ft
Annual Runoff	4943.42	ac/ft
Calculated FC Load	1.10E+15	#/yr

BMP	BMP % Removal Efficiency	BMP Size Factor	BMP Service Area Load Removal	% Service Area Load Reduction	% of Okatie 3 Sub-Basin Served	Predicted Load Removal	% Load Reduction
Okatie East	70%	30%	9.74E+13	21.00%	42%	9.74E+13	8.82%
Okatie West	80%	20%	7.78E+13	16.00%	44%	7.78E+13	7.04%
Total Load Removed						1.75E+14	

Calculated FC Load	1.10E+15	#/yr
Total Load Removed	1.75E+14	#/yr
Predicted Future Load	9.29E+14	#/yr
Total % Reduction	15.86%	

Okatie River 3 Water Quality Sub-WQ Calculations

Land Use Type	Average Annual Runoff (inches/year)	Watershed Land Use Area (Ac)	Annual Base Flow (ac-ft)	Annual Base Flow (ml)	Annual Runoff (Ac- ft)	Annual Runoff (ml)	Fecal Coliform Base Flow Concentration (#/100 ml)	Annual Base Load (#/yr)	Fecal Coliform Runoff Concentration (#/100 ml)	Annual Storm Load (#/yr)	Total Annual Load (#/yr)
Low-Density Residential	8.7	59.00	34.42	4.25E+10	42.78	5.28E+10	200	8.49E+10	32200	1.70E+13	1.71E+13
Medium-Density Residential	14.5	1575.00	918.75	1.13E+12	1903.13	2.35E+12	200	2.27E+12	32200	7.56E+14	7.58E+14
High-Density Residential	24.2	38.00	22.17	2.73E+10	76.63	9.45E+10	200	5.47E+10	21750	2.06E+13	2.06E+13
Institutional	19.6	98.00	57.17	7.05E+10	160.07	1.97E+11	200	1.41E+11	32200	6.36E+13	6.37E+13
Industrial/Transportation	32.7	0.00	0.00	0.00E+00	0.00	0.00E+00	200	0.00E+00	11100	0.00E+00	0.00E+00
Commercial/Business	37.8	112.00	65.33	8.06E+10	352.80	4.35E+11	200	1.61E+11	11300	4.92E+13	4.93E+13
Golf Courses	5.2	334.00	194.83	2.40E+11	144.73	1.79E+11	200	4.81E+11	6400	1.14E+13	1.19E+13
Impervious	43.6		0.00	0.00E+00	0.00	0.00E+00	200	0.00E+00	11300	0.00E+00	0.00E+00
Open Space	5.6	2370.00	1382.50	1.71E+12	1106.00	1.36E+12	200	3.41E+12	6400	8.73E+13	9.07E+13
Row Crop	5.2		0.00	0.00E+00	0.00	0.00E+00	200	0.00E+00	6400	0.00E+00	0.00E+00
Silviculture	5.2	74.00	43.17	5.32E+10	32.07	3.96E+10	200	1.06E+11	6400	2.53E+12	2.64E+12
Open Water	48.4	56.00	32.67	4.03E+10	225.87	2.79E+11	200	8.06E+10	6400	1.78E+13	1.79E+13
Forested Wetland	12.1	766.00	446.83	5.51E+11	772.38	9.53E+11	200	1.10E+12	6400	6.10E+13	6.21E+13
Non-Forested Wetland	48.4		0.00	0.00E+00	0.00	0.00E+00	200	0.00E+00	6400	0.00E+00	0.00E+00
Sandy Area	48.4		0.00	0.00E+00	0.00	0.00E+00	200	0.00E+00	6400	0.00E+00	0.00E+00
Forestland	5.2		0.00	0.00E+00	0.00	0.00E+00	200	0.00E+00	6400	0.00E+00	0.00E+00
Grassland	5.2	293.00	170.92	2.11E+11	126.97	1.57E+11	200	4.22E+11	6400	1.00E+13	1.04E+13
Total		5775.00	3368.75	4.16E+12	4943.42	6.098E+12		8.31E+12		1.10E+15	1.10E+15

Model Results

The model results indicate that the proposed Okatie West BMP will remove $7.78\text{E}+13$ #/year of bacteria from the BMP service area, which equates to a 16% reduction. The Okatie East BMP will remove $9.74\text{E}+13$ #/year from its service area, which equates to a 21% reduction. Considering these load reductions within the entire Okatie River 3 water quality sub-basin, that equates to a respective 7% and 8.8% reduction at SCDHEC monitoring station 18-08, for a total load reduction of $1.75\text{E}+14$ #/year (15.8% reduction). This is a significant reduction given the size of the water quality sub-basin. Although this is not enough to recover the river for shellfish monitoring, it will make a difference in the quality, especially given the other regional and non-regional BMP strategies planned for the watershed.