

BRUNSWICK COUNTY BOARD OF COMMISSIONERS
Countywide Goals Workshop WORKSHOP AGENDA
February 19, 2018
9:00 AM

1. Call to Order

2. Order Of Business

9:00 - Invocation & Pledge of Allegiance

9:05 - Approval of Agenda

9:10 - Administration - Opening Remarks (Ann Hardy, County Manager)

9:15 - Tax Administration - 2019 Revaluation Update - (Jeff Niebauer, Tax Administrator)

9:30 - Administration - Midyear Financial Update (Ann Hardy, County Manager)

10:00 - Human Resources - Employee Compensation and Health Plan Updates (Melanie Turrise, Director of Human Resources)

10:15 - Morning Break

10:30 - Administration - Draft County Capital Improvement Plan (Stephanie Lewis, Director of Operation Services, Bill Pinnix, Director of Engineering, Aaron Perkins, Director of Parks & Recreation, Steve Stone, Deputy County Manager, Marc Pages, Senior Planner)

11:00 - Board of Elections - Voting Equipment (Sara Knotts, Director of Elections)

11:15 - Sheriff's Office - Software Needs (Tom Rogers, 911 Communications & Technology Director)

11:30 - Caw Caw Swamp Watershed Update (Stephanie Lewis, Director of Operation Services & William Pinnix, Director of Engineering Services)

11:45 - Report from Town of Carolina Shores on Drainage (Jon Mendenhall, Town Administrator)

12:00 - County Attorney - Legislative Update (Bob Shaver, County Attorney)

12:25 - County Attorney - Abandoned Boat Ordinance (Bob Shaver, County Attorney)

12:30 - 1:15 Recess for Lunch

1:15 - Emergency Services - Fire Commission Update (Walt Eccard, Chairman of Fire Commission, Brian Watts, Director of Emergency Services)

1:45 - Emergency Services - Community Paramedic Program (Kevin Mulholland, EMS Operations Manager)

2:00 - Health and Human Services - Opioid Task Force Report Presentation -(David Stanley, Executive Director of Health & Human Services)

2:15 - Health and Human Services - Stepping Up Report Presentation - (David Stanley, Executive Director of Health & Human Services)

2:30 - Afternoon Break

2:45 - Administration - Draft Enterprise Capital Improvement Plan (Bill Pinnix, Director of Engineering, John Nichols, Director of Public Utilities, Bill Early, Director of Brunswick BID)

3:30 - Closing Remarks - (Commissioners)

3. Adjourn



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

Action Item # 2. -

From:

9:00 - Invocation & Pledge of Allegiance

Issue/Action Requested:

Background/Purpose of Request:

Fiscal Impact:

Approved By County Attorney:



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

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Issue/Action Requested:

Background/Purpose of Request:

Fiscal Impact:

Approved By County Attorney:



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

From:
Ann Hardy

Action Item # 2. -
9:10 - Administration - Opening Remarks (Ann Hardy, County Manager)

Issue/Action Requested:
Request that the Board of Commissioners receive information from staff.

Background/Purpose of Request:

Fiscal Impact:

Approved By County Attorney:

County Manager's Recommendation:
Recommend that the Board of Commissioners receive information from staff.

ATTACHMENTS:

Description

- ☐ General Fund Budget Pressures
- ☐ Budget Calendar 2018-2019
- ☐ Governing Body Goals
- ☐ Master Presentation

General Fund Budget Pressures

- Health Insurance Increase includes spouse insurance - \$2.1m
- Market and Merit Increase - \$1.6m
- Retirement Rate Increase .25% - \$0.1M
- School GO Phase 1 Debt Service - \$1.1m
- Sheriff's Software - \$0.8m
- Sheriff Additional Deputy's Plan - \$0.5m
- Landfill Transfer - \$0.75m
- Voting Equipment - \$1.5m
- Transfer Station - \$5.4m

Other Budget Pressures (costs unknown):

- Opioid Epidemic
- Fire Services
- Shoreline Protection
- Growth in Waste Collection
- Ariel Mapping Services
- Increased Operating Costs for Expanded Facilities - Schools & County Buildings and Parks
- BSRI Expanding Services
- Increased Support for Development Services (Planning, Fire & Building Inspections, MIS, Environmental Health, Engineering, and GIS)
- Legislative Changes

County of Brunswick
Budget Calendar
Fiscal Year 2018-2019

Date of Action	Budget Procedure	Action By
12/1/2017	Distribution of Capital Improvement Forms and Instructions	Director of Fiscal Operations
1/19/2018	Distribution of Goals and Budget Forms	Director of Fiscal Operations
1/22/2018	Preliminary Capital Improvement Forms Due to County Director of Fiscal Operations	Department Heads
1/22- 2/7/2018	Compiled Preliminary Capital Improvement Plan Due to County Manager from Director of Fiscal Operations	County Manager
2/19/2018	Commissioners' Countywide Goal Workshop 9:00 a.m. - 4:00 p.m.	Board of County Commissioners County Manager
3/12/2018	Submit Goals and Budget Requests to Director of Fiscal Operations	Department Heads and Agency Officials
3/26/2018	Compiled Department and Agency Budget Requests and Goals Due to County Manager from Director of Fiscal Operations	Director of Fiscal Operations
3/27- 4/6/2018	Meet with Department Heads on Requested Budget and Goals	County Manager Director of Fiscal Operations
5/10/2018	Commissioners' Goals and Budget Workshop 9:00 a.m. - 3:00 p.m.	Board of County Commissioners County Manager Director of Fiscal Operations
5/21/2018	Presentation of Recommended Budget and Budget Message to Board of County Commissioners, Set Date and Time of June 18, 2018 at 6:00 p.m. for public hearing	County Manager, Board of Commissioners
5/22/2018	File copy with Clerk to the Board; Recommended budget remains open for public review until Budget Ordinance is adopted	County Manager
5/22/2018	Submit legal notice for publication in media stating Recommended Budget submitted to the Board; copy available for public review; time, date, place of public hearing	Clerk to the Board of County Commissioners
5/31/2018	Study session on Recommended Budget at 1:00 p.m. - 5:00 p.m.	Board of County Commissioners
6/18/2018	Public Hearing 6:00 p.m. Regular; Adoption of Budget	Board of County Commissioners
7/1/2018 if applicable	Within thirty (30) days after enactment of the budget a public notice shall be published, reflecting a summary of the enacted budget showing the intended use of entitlement funds, if any.	Clerk to the Board of County Commissioners

Long and Short Term Goals and Major Focus Areas

Goal: Economic Development

1. Collaborate with the Brunswick Community College Workforce Development Initiatives, Economic Development Commission, the four Chambers of Commerce and the Tourism Development Authority to develop a friendly and positive business environment, employ an effective business expansion and retention effort, develop a targeted business/industry recruitment strategy and grow the tourism and hospitality industry while protecting our residential neighborhoods.

Goal: Education

1. Continue the multi-year local funding agreement with the Brunswick County Board of Education to provide for a quality education that prepares our children for college or the workforce.
2. Support and enhance the Brunswick Guarantee Program with BCC Foundation that provides scholarships for county high school graduates to attend BCC.
3. Support the expansion of Allied Health Career Programs at BCC.
4. Facilitate the facility improvements associated with the voter approved 2016 \$152 million school bond referendum.

Goal: Financial Stewardship

1. Adopt a County Budget to maintain one of the lowest tax rates among counties in North Carolina with a population over 100,000.
2. Employ a conservative budgetary philosophy and make strategic decisions on all fiscal matters in order to maintain the positive financial position and credit strength of the county; continue a zero-based budgeting strategy wherever appropriate and feasible.
3. Staff seek out ways to reduce overhead and administrative costs.

Goal: Environmental Stewardship

1. Encourage and incentivize green development and construction to minimize the impact on natural resources while respecting and protecting private property rights.

Goal: Transportation

1. Continue the supplemental financial support for the Brunswick Connector transit service provided by the Cape Fear Public Transportation Authority.
2. Support BTS in continued development of rural transportation services, providing access to services and employment for rural residents.
3. Support the efforts of the NCACC to oppose any transfer of responsibility for transportation funding from the state to counties.
4. Request that NCDOT initiate a comprehensive transportation plan specifically for Brunswick County that includes municipal and other county partners.

Goal: Organizational Improvement/Development

1. Embed a focus on exceptional customer service where it becomes part of the organizational culture.
2. Provide all services in a way that recognizes and values diversity.
3. Recognize that businesses are customers of the county and review the Unified Development Ordinance to develop small business assistance by providing local rules that are clear, simple, easy to understand, that are predictable, reasonable and appropriate for Brunswick County.
4. Revise and implement policies, processes, procedures, and programs focused on ensuring a high performing workforce.
5. Encourage participation in the Employee Wellness Program to improve upon individual health of employees, improve productivity and reduce medical costs.
6. Provide supervisory skill building and leadership training opportunities for all supervisory personnel and those with supervisory potential.

7. Expand Training and Skill Development to provide growth opportunities for non-supervisory staff.
8. Develop succession planning for key county positions.
9. Explore opportunities where the private sector or non-profit entities may more economically and efficiently serve the public than government.

Goal: Infrastructure Development/Expansion

1. Develop strategies for continued growth in the number of water and sewer customers by determining methods to increase the number of SAD projects, prioritizing County funded water and sewer mains and acquiring or merging existing private and/or public water and sewer systems.
2. Enter into an agreement with participants of the Lower Cape Fear Water and Sewer Authority to obtain the raw water capacity to position the county for design and expansion of the Northwest Water Treatment Plant.
3. Improve communication between the county and its wholesale water customers and utilities that contribute flow to the regional wastewater treatment plants.
4. Explore methods to work with surrounding utilities to reduce operational costs.
5. Facilitate an agreement for Southport to become a participant in the West Brunswick Regional Wastewater System and expand the system to meet the City's capacity needs.

Goal: Public/Mental Health

1. Provide education to the public about preventable health issues and disease and improve Brunswick County's health ranking in the state.
2. Support the Trillium LME/MCO to operate a program for mental health, developmental disabilities, and substance abuse services as they transition to one of the four state entities.
3. Continue to advocate for sufficient state/federal funding to adequately address MH/DD/SAS needs of our residents.

Goal: Community Development

1. Investigate additional policy amendments and enhancements to provide tangible incentives to encourage the development of affordable single and multi-family housing opportunities.
2. Enhance community appearance and protect property values through responsible zoning and code enforcement while recognizing the diversity of our county and respecting private property rights.

Goal: Technology

1. Implement the results of the comprehensive in-house evaluation and assessment of the County's technological resources and operations and identify opportunities for departments to improve efficiency and service delivery through the implementation of proven technology applications.

Goal: Public Safety

1. Continue to ensure the safety and security of Brunswick County residents, property owners and visitors, while planning for Brunswick County's growth.
2. Establish a County Fire Commission to review the provision of fire and rescue services and explore best practices to plan for growth in the county.
3. Support the Brunswick County Sheriff with resources to better enable law enforcement efforts while ensuring officer safety.



Countywide Goal Workshop

Brunswick County Board of Commissioners | Commissioners Chambers
February 19, 2018

—Welcome & Opening Comments—

Ann Hardy, County Manager

Overarching Funding and Service Delivery Focus Areas for the FY 19 Budget

- Maintain Low Tax Rate and Economical Fees for Services
- Ensure Supply of Clean, Safe Drinking Water
- Expansion of Water and Sewer Infrastructure to Support Growth
- Economic Development
 - Support of Brunswick BID
 - Partner for Shoreline Protection
- Employee Recruitment and Retention
 - Employee and Family Health Insurance
 - Market and Merit System
- Education
 - School Bond Referendum
 - Maintenance of Existing and Expanding College and School Infrastructure

- Support Public Safety Employees and Partners
 - Implement Final Phase of BCSO Deputy Expansion
 - Software to Support Law Enforcement
 - Support of the Fire Commission for Fire Service Improvements
- Environmental Protection
 - Household Waste Disposal
 - Improvements for Construction and Demolition Disposal
- Support of a Growing Senior Population With Programs
 - Parks and Recreation
 - Libraries
 - BSRI
 - Social and Medical Services

- Growth in Development Services
 - Planning
 - Building Inspections
 - Fire Inspections
 - Technological Support
 - Environmental Health
 - Engineering
 - GIS
 - Tax
- Voting Equipment
- Facilities to Support Government Operations
- Legislative Changes

2019 Property Tax Revaluation

Jeffery Niebauer, Tax Administrator

Revaluation

Currently performed every 4 years in Brunswick County.

North Carolina General Statute 105-283 states, “All property, real and personal, shall as far as practicable be appraised or valued at its true value in money. When used in this Subchapter, the words “true value” shall be interpreted as meaning market value, that is, the price estimated in terms of money at which the property would change hands between a willing and financially able buyer and a willing seller...”. North Carolina General Statute 105-285(d) states, “The value of real property shall be determined as of January 1” of the County revaluation year.

Revaluation

- Last revaluation was January 2015.

North Carolina General Statute 105-287(b) states, “In a year in which a general reappraisal or horizontal adjustment of real property in the county is not made, the assessor may not increase or decrease the appraised value of real property, as determined under North Carolina General Statute 105-286, to recognize a change in value caused by: 1) Normal, physical depreciation of improvements; 2) Inflation, deflation, or other economic changes affecting the county in general ... ” North Carolina General Statute 105-287(c) states, “An increase or decrease in the appraised value of real property authorized by this section shall be made in accordance with the schedules, standards, and rules used in the county’s most recent general reappraisal or horizontal adjustment. An increase or decrease in appraised value made under this section is effective as of January 1 of the year in which it is made and is not retroactive.”

- Next revaluation is January 2019.

Revaluation

- Real property includes all improvements to the land and improvements attached or affixed to the land.

- House and lot
- Condominium / Townhome
- Commercial property
- Industrial property
- Farm tracts
- Forestry tracts



Revaluation

Current County Sales Ratio: 92%

This means on average for the entire County the tax value is 8% lower than properties are currently selling at market price.

However, different market areas maybe higher or lower than the 8%.

Revaluation

Parcel Information as of January 2018:

Parcel Count 147,020

Improved properties 76,755

Commercial Improved 3,313

Residential Improved 73,442

Revaluation

- Ongoing– residential and commercial field data collection.
- Ongoing - Residential and commercial value reviews.
- **Commissioners meeting in August 2018** - Presentation on the proposed 2019 Schedule of Values.
- **1st Commissioners meeting in September 2018** - Public hearing on the 2019 Schedule of Values.
- **2nd Commissioners meeting in September 2018** - Approval of the 2019 Schedule of Values.
- January 1, 2019 – Effective date of county wide reappraisal.
- January 2019 - Mail out '2019 Notice of Values' letters.
- January 2019 to March 2019 - Informal Hearings.
- April 2019 - Board of Equalization and Review Hearings.

Revaluation



TAX OFFICE

[2019 REAPPRAISAL FAQ](#)[CHANGE MAILING ADDRESS](#)[COLLECTIONS](#)[FIRE FEES IN BRUNSWICK COUNTY](#)[FORMS AND DOCUMENTS](#)[MOBILE HOME MOVING PERMIT](#)[PAYMENT OF TAXES](#)[PERSONAL PROPERTY](#)[REAL PROPERTY](#)[REQUEST APPEAL](#)[REQUEST BEER AND WINE LICENSE](#)[TAX CERTIFICATIONS](#)[TAX FORECLOSURES](#)[TAX RATES](#)[TAX RELIEF](#)

2019 BRUNSWICK COUNTY REAPPRAISAL FAQ

All the information you could ever hope to know about the 2019 Brunswick County Reappraisal. If you have a question that isn't answered below please call us at [\(910\) 253-2811](tel:9102532811).

WHAT IS A REAPPRAISAL AND WHY HAVE ONE?

Reappraisal is a process in which all real estate values are assessed at their market value as of a specific date. The purpose of a Reappraisal is to provide equalization among all types of properties. North Carolina General Statutes require each county to conduct a Reappraisal at least once every eight years. Brunswick County conducts a Reappraisal every four years. The last Reappraisal was effective January 1, 2015.

WHEN IS THE NEXT REAPPRAISAL IN BRUNSWICK COUNTY?

WHAT IS MARKET VALUE?

WHEN WILL I RECEIVE MY REAPPRAISAL NOTICE OF ASSESSED VALUE?

WHAT IF I HAVE QUESTIONS ABOUT MY NEW VALUE?

WHAT IF I DISAGREE WITH MY NEW 2019 VALUE?

WHAT ARE VALID REASONS TO APPEAL MY VALUE?

WHAT ARE INVALID REASONS TO APPEAL MY VALUE?



GENERAL INFORMATION AND QUESTIONS

30 GOVERNMENT CENTER DRIVE
DAVID R. SANDIFER BUILDING
FIRST FLOOR

(910) 253-2829

(800) 527-9001

TAXADMIN@BRUNSWICKCO
UNTUNC.GOV

OPEN MON-FRI:
8:30 A.M. – 5:00 P.M.

REAL PROPERTY APPRAISAL

30 GOVERNMENT CENTER DRIVE
DAVID R. SANDIFER BUILDING
FIRST FLOOR

(910) 253-2811

TAXADMIN@BRUNSWICKCO
UNTUNC.GOV

OPEN MON-FRI:

Revaluation

Questions and/or Comments?

MIDYEAR FINANCIAL UPDATE

Summary Information for General Fund as of January 31, 2018

Revenues:

Total revenues are \$146.0 million for a 2.8% or \$3.9 million increase over the prior year. As compared to the prior year, collections are up for Ad valorem Taxes \$4.5 million or 4.1% and Local Options Sales Tax \$0.9 million or 8.4%. Total revenues collected are 80.4% of the current budget. Preliminary projected total revenues at June 30, 2018 are \$189.6 million.

	Audited June 30, 2017	Current Budget	January, 2018	Prior Year January, 2017	Projections June 30, 2018
Revenues:					
Ad valorem taxes	\$ 119,820,026	\$ 117,785,618	\$ 113,973,649	\$ 109,432,673	\$ 123,864,057
Local option sales taxes	22,464,392	22,948,324	11,139,383	10,271,790	24,032,523
Other taxes and licenses	5,087,399	4,448,000	3,273,829	2,838,041	5,108,000
Unrestricted intergovernmental revenues	3,498,931	1,813,000	109,626	227,826	3,441,500
Restricted intergovernmental revenues	21,014,352	19,293,241	8,343,578	10,356,980	16,316,367
Permits and fees	4,093,338	3,783,772	2,631,353	2,299,304	4,439,806
Sales and services	10,723,116	10,022,889	5,710,770	5,826,644	10,735,322
Investment earnings	181,510	100,000	208,860	65,257	300,000
Other	2,100,400	1,355,768	598,332	751,327	1,323,577
Total revenues	188,983,464	181,550,612	145,989,380	142,069,842	189,561,152

Summary Information for General Fund as of January 31, 2018

Expenditures:

Total Expenditures are \$97.9 million and are 53.2% of the current budget. Expenditures are up \$5.0 million or 5.4% in comparison to the same period in the prior year. Preliminary projected total expenditures at June 30, 2018 are \$176.7 million.

	Audited June 30, 2017	Current Budget	January, 2018	Prior Year January, 2017	Projections June 30, 2018
Expenditures:					
Salaries	43,635,524	46,597,561	26,064,758	25,297,492	45,614,720
Fringe benefits	20,282,376	21,786,208	12,259,095	11,552,450	21,128,447
Operating costs	89,455,276	97,260,810	51,319,466	50,970,616	91,569,597
Capital outlay	3,162,427	4,443,262	2,663,173	1,693,762	4,443,262
Debt Service	14,319,355	13,992,449	5,625,867	3,425,903	13,953,649
Total expenditures	<u>170,854,958</u>	<u>184,080,290</u>	<u>97,932,359</u>	<u>92,940,223</u>	<u>176,709,675</u>

Summary Information for General Fund as of January 31, 2018

Other Financing Sources (Uses):

- Net transfers to other funds are \$1.7 million: Ocean Isle Beach Park \$750k, Park Grant Match \$68.5k, Courthouse Design \$774.3k and BCC Reserves for Allied Health Building \$138.6k.
- Revenues and net transfers are greater than expenditures by \$46.8 million as compared to \$41.2 million in the prior year. Current fund balance projections indicate an increase of \$5.4 million to \$79.0 million mainly due to the decrease in transfers for capital projects. Preliminary estimated fund Balance as a % of actual expenditures and net transfers is 34.7%.

	Audited June 30, 2017	Current Budget	January, 2018	Prior Year January, 2017	Projections June 30, 2018
Revenues over (under) expenditures	<u>18,128,506</u>	<u>(2,529,678)</u>	<u>48,057,021</u>	<u>49,129,619</u>	<u>12,851,477</u>
Other Financing Sources (Uses):					
Issuance of long term debt	-	505,057	505,057	-	505,057
Transfers from other funds	-	10,510	-	-	10,510
Transfers to other funds	(16,883,690)	(5,572,695)	(1,741,030)	(7,940,579)	(7,932,830)
Appropriated fund balance	<u>-</u>	<u>7,586,806</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total other financing sources (uses)	<u>(16,883,690)</u>	<u>2,529,678</u>	<u>(1,235,973)</u>	<u>(7,940,579)</u>	<u>(7,417,263)</u>
Net change in fund balances	1,244,816	<u>\$ -</u>	<u>\$ 46,821,048</u>	<u>\$ 41,189,040</u>	5,434,214
Fund balance, beginning of year	<u>72,364,872</u>				<u>73,609,688</u>
Fund balance, end of year	<u>\$ 73,609,688</u>				<u>\$ 79,043,902</u>

Sales Tax Analysis

	2018 Year to Date	2017 Year to Date	2017-2018 Year to Date Increase	FY 2018 Estimate & % Increase Over FY 2017
Article 39 (1%)	\$4,950,635	\$4,551,262	\$399,373 or 8.8%	\$9,980,329 or 7.3%
Article 40 (1/2%)	3,001,086	2,786,037	215,049 or 7.7%	7,230,651 or 6.5%
Article 42 (1/2%)	3,188,267	2,932,434	255,833 or 8.7%	6,822,148 or 7.1%

Note: Very preliminary projections for FY 18 based on 5 months sales tax received. Total projected FY 18 sales tax projection is \$24.0m and of the total, the School's portion of Article 40 and 42 is \$5.8m.

Preliminary 2018 Value Estimates

	FY 2018	FY 2019
BRUNSWICK COUNTY	<u>2017 VALUE ESTIMATE</u>	<u>2018 VALUE ESTIMATE</u>
Date of Estimate		1/23/2018
Gross Real Property	\$ 23,284,824,478	\$ 23,989,432,855
Exempt Property	1,310,624,270	1,310,624,270
Taxable Real Property	21,974,200,208	22,678,808,585
Land Use Deferred	495,000,000	495,026,526
Net Taxable After PUV	21,479,200,208	22,183,782,059
Working Waterfront Deferred	2,650,000	2,650,000
Elderly Exemptions (Personal)	85,000,000	84,500,000
Elderly Exemptions (Real)	550,000	550,000
Veteran Exemptions (Personal)	123,000	64,000
Veteran Exemptions (Real)	106,151,630	27,800,000
Beach Club HOA Property	4,292,798	4,300,000
DENR Pollution Abatement	76,890	76,890
Low Income Housing Deferred	34,392,490	34,400,000
Builder Exemptions	46,900,000	45,000,000
Net Taxable Real Property	21,199,063,400	21,984,441,169
Individual & Business Personal	515,000,000	515,000,000
Net Taxable Real/Personal Property	21,714,063,400	22,499,441,169
Public Utilities	1,500,500,000	1,650,000,000
Total Property Value	23,214,563,400	24,149,441,169
Estimated Reductions - PTC	30,000,000	8,000,000
Estimated Reductions - Board of E & R	12,000,000	5,000,000
Net Forecast Property Excluding MV & Boats	23,172,563,400	24,136,441,169
Motor Vehicle Value	1,250,000,000	1,350,000,000
Estimated Total Tax Base	\$ 24,422,563,400	\$ 25,486,441,169

Note: Estimated Total Tax base is a 4.4% increase over 2017 values

Preliminary 2018 Levy Estimates and School Funding

	FY 18 Approved (1/2017 Levy) at FY 18 tax rate	FY 19 projection (1/2018 Levy) at FY 18 tax rate	Estimated Change From FY 18 BUDGET
Tax Rate Estimate	0.4850	0.4850	
Real Property Value Estimate	\$23,172,563,400	\$24,136,441,169	\$ 963,877,769
Motor Vehicle Value Estimate	1,250,000,000	1,350,000,000	100,000,000
Total Valuation Estimate	\$24,422,563,400	\$25,486,441,169	\$ 1,063,877,769
Motor Vehicle Value Estimate	\$ 1,250,000,000	\$ 1,350,000,000	\$ 100,000,000
Collection Percentage for Motor Vehicles	100.00%	100.00%	
Tax Generated From Motor Vehicles	\$ 6,062,500	\$ 6,547,500	\$ 485,000
Real Property Value Estimate	\$23,172,563,400	\$24,136,441,169	\$ 963,877,769
Collection Percentage for Real Property	96.74%	97.57%	
Tax Generated From Real Property	\$ 108,723,118	\$ 114,217,139	\$ 5,494,021
Total Tax Generated From Property	\$ 114,785,618	\$ 120,764,639	\$ 5,979,021
Value of 1 cent	\$ 2,366,714	\$ 2,489,993	\$ 123,279
General Government Debt Service (Excluding School Debt Funded By Sales Tax or Lottery)	\$ 10,452,766	\$ 11,117,191	\$ 664,425
Ad Valorem Revenue After Debt	\$ 104,332,852	\$ 109,647,448	\$ 5,314,596
Schools (Under Funding Agreement)	\$ 38,081,491	\$ 40,021,319	\$ 1,939,828
County Funds After School & Debt Budget	\$ 66,251,361	\$ 69,626,130	\$ 3,374,768

Note: Preliminary Increase from prior Year are increasing values and an increasing collection rate. County and School revenue is an estimated 5.1% increase.

General Fund Current Operating Budget

Major items below total 90.3% of the general fund operating budget (excludes Health & Human Services and Capital Outlay):

- Employee Salary including all overtime and benefits \$52.0m
- Brunswick County Schools (including transfer for excess ad valorem and sales tax) \$41.9m
- Debt Service \$14.0m
- Waste Disposal Services including Construction & Demolition contract hauling \$13.8m
- Motor Fuels, Utilities, Repair & Maintenance items \$4.7m
- Brunswick Community College \$4.2m
- Brunswick Senior Resources \$2.1m
- Inmate medical and meals \$1.7m
- Occupancy Tax \$1.4m
- Computer Software \$1.4m
- Register of Deed Required Excise Tax Payments Required by NC \$1.4m
- Property & General Liability \$1.1m
- Fire Departments Supplemental Funding \$0.6m

Summary Information for Enterprise Fund as of January 31, 2018

Water Fund:

- Total water fund revenues increased 9.6% or \$1.4 million over the same time last year to \$15.7 million. Wholesale water sales increased 13.0% or \$0.4 million and industrial water sales increased 27.6% or \$0.3 million mainly due to growth and an increase in the PPI rate. From one year ago, retail customers increased 1,420 for a total of 40,758 customers. Preliminary total projected revenues are \$24.4 million at June 30, 2018.
- Total expenditures in the water fund increased \$0.1 million or 1.4% compared to the same time last year. Year to date expenditures are 51.6% of the current budget. Preliminary total projected expenditures are \$19.2 million at June 30, 2018.
- Net Transfers to water capital projects are \$0.6 million compared \$4.9 million in the prior year.
- Revenues are \$4.6 million more than expenditures and net transfers as compared to less than by \$0.8 million due to less pay go capital funding in the current year. Preliminary projected revenues over expenditures and net transfers are \$4.5 million at June 30, 2018.

Water Fund:	Audited June 30, 2017	Current Budget	January 31, 2018	Prior Year January 31, 2017	Projections June 30, 2018
Revenues:					
User charges	\$ 22,676,369	\$ 21,388,600	\$ 15,164,300	\$ 13,919,271	\$ 23,682,548
Restricted intergovernmental	52,684	216,000	216,000	-	216,000
ARRA interest subsidy	-	-	-	-	-
Investment earnings	48,375	30,000	70,451	20,072	100,000
Other	903,742	475,669	200,089	336,750	394,026
Total revenues	<u>23,681,170</u>	<u>22,110,269</u>	<u>15,650,840</u>	<u>14,276,093</u>	<u>24,392,574</u>
Expenditures:					
Salaries	4,377,828	4,673,778	2,585,195	2,591,602	4,481,005
Fringe benefits	1,839,538	2,049,202	1,138,620	1,052,130	1,973,608
Operating costs	6,507,737	7,242,951	3,957,570	3,839,004	6,739,114
Repairs and maintenance	1,514,528	1,817,860	1,023,289	1,078,424	1,726,967
Capital outlay	1,542,206	2,049,826	809,249	794,813	2,049,826
Debt Service:					
Principal	1,146,444	1,179,150	253,670	245,462	1,179,150
Interest	1,106,861	1,072,793	599,471	620,517	1,072,793
Total expenditures	<u>18,035,142</u>	<u>20,085,560</u>	<u>10,367,064</u>	<u>10,221,952</u>	<u>19,222,463</u>
Revenues over (under) expenditures	<u>5,646,028</u>	<u>2,024,709</u>	<u>5,283,776</u>	<u>4,054,141</u>	<u>5,170,111</u>
Other Financing Sources (Uses):					
Transfer to Water Capital Project	(5,715,725)	(2,542,507)	(635,000)	(4,865,725)	(635,000)
Budgetary Financing Sources (Uses):					
Appropriated fund balance	-	517,798	-	-	-
Total other financing sources (uses)	<u>(5,715,725)</u>	<u>(2,024,709)</u>	<u>(635,000)</u>	<u>(4,865,725)</u>	<u>(635,000)</u>
Revenues and other financing sources over (under) expenditures and other financing uses	<u>\$ (69,697)</u>	<u>\$ -</u>	<u>\$ 4,648,776</u>	<u>\$ (811,584)</u>	<u>\$ 4,535,111</u>

Sewer Fund:

- Total revenues for the Sewer Fund increased 13.4% over the same time last year to \$14.0 million. Retail sewer sales increased \$0.3 million or 4.6% in comparison with the prior year. Capital recovery and Transmission fees increased \$0.9 million over the same time last year. Total revenues are 62.3% of the current budget for the fiscal year. Preliminary total projected revenues are \$26.1 million at June 30, 2018.
- Total expenditures for the Sewer Fund have increased \$0.3 million or 3.0% over the same period in the prior year. Total expenditures are 30.9% of the budget for the fiscal year. Preliminary total projected expenditures are \$27.2 million at June 30, 2018.
- There are \$0.8 million net transfers from sewer capital projects due to the transfer in from the participant capital and replacement fund in the current year compared to net transfers out of \$0.5 million in the same period of the prior year.
- Revenues are greater than expenditures and net transfers by \$6.1 million as compared to \$3.4 million in the prior year. Preliminary projections indicate Revenues are less than expenditures and net transfers by \$0.3 million at June 30, 2018.
- Retail sewer customers billed in January 17,026 up 956 customer from one year ago.

Sewer Fund:	Audited June 30, 2017	Current Budget	January 31, 2018	Prior Year January 31, 2017	Projections June 30, 2018
Revenues:					
User charges	\$ 24,430,143	\$ 22,207,828	\$ 13,710,518	\$ 12,089,002	\$ 25,829,462
Restricted intergovernmental	117,264	-	-	-	-
ARRA interest subsidy	146,215	119,378	59,946	73,147	59,946
Special Assessments	498,079	20,000	65,007	101,950	65,007
Investment earnings	41,918	25,000	58,727	18,282	75,000
Other	104,268	21,900	62,144	21,808	72,294
Total revenues	<u>25,337,887</u>	<u>22,394,106</u>	<u>13,956,342</u>	<u>12,304,189</u>	<u>26,101,709</u>
Expenditures:					
Salaries	2,394,170	2,583,419	1,431,008	1,372,517	2,480,414
Fringe benefits	978,834	1,108,072	578,873	553,642	1,003,380
Operating costs	3,902,121	4,683,108	2,261,813	1,816,911	4,448,953
Repairs and maintenance	1,960,702	1,825,104	963,271	973,338	1,295,221
Capital outlay	1,792,245	4,071,805	622,060	751,619	4,071,805
Debt Service:					
Principal	9,564,223	9,840,550	810,934	792,107	9,840,550
Interest	<u>4,348,595</u>	<u>4,045,972</u>	<u>2,034,745</u>	<u>2,188,574</u>	<u>4,045,972</u>
Total expenditures	<u>24,940,890</u>	<u>28,158,030</u>	<u>8,702,704</u>	<u>8,448,708</u>	<u>27,186,294</u>
Revenues over (under) expenditures	<u>396,997</u>	<u>(5,763,924)</u>	<u>5,253,638</u>	<u>3,855,481</u>	<u>(1,084,585)</u>
Other Financing Sources (Uses):					
Transfer to Wastewater Capital Project	(1,104,946)	(634,012)	(634,012)	(1,104,946)	(634,012)
Transfer from Wastewater Capital Project	922,405	1,445,452	1,445,452	622,350	1,445,452
Budgetary Financing Sources (Uses):					
Appropriated fund balance	<u>-</u>	<u>4,952,484</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total other financing sources (uses)	<u>(182,541)</u>	<u>5,763,924</u>	<u>811,440</u>	<u>(482,596)</u>	<u>811,440</u>
Revenues and other financing sources over (under) expenditures and other financing uses	<u>\$ 214,456</u>	<u>\$ -</u>	<u>\$ 6,065,078</u>	<u>\$ 3,372,885</u>	<u>\$ (273,145)</u>

Questions and Discussion

Employee Compensation Plan

Melanie Turrise, Director of Human Resources

Estimated Market & Merit Analysis

Fiscal Year 2019	General Fund	Enterprise Fund	Total
Number of Employees	865	131	996
December 2017 CPI Index/pay scale adjustment @ 2%. (including overtime and benefits)	\$1,056,300	\$168,600	\$1,224,900
Estimated 1% merit for employees performing at or above satisfactory. Individual merit dependent on overall performance. Merit range from .25% to 1.35%.	\$527,100	\$84,300	\$611,400
Budget Impact	\$1,583,400	\$252,900,	\$1,836,300

Health Plan Update

Melanie Turrise, Director of Human Resources

Update on the N.C. Health Insurance Pool (NCHIP)

Gallagher estimates 6,000 to 8,000 members effective July 1, 2018

Achieved minimum participation of 2,500 members

Received Board approval to join the pool effective 7/1/2018:

Town of Hillsborough – 100 employees/retirees

Town of Wake Forest – 229 employees/retirees

Orange County – 1,068 employees/retirees

Brunswick County – 1,067 employees/retirees

Pending Board approval by the end of February:

Catawba County – 989 employees/retirees

City of Rocky Mount – 820 employees/retirees

Scotland County – 330 employees/retirees

Hyde County – 103 employees/retirees

FY 19 Budget Projections with Spouse Coverage

	FY 18 Budget	FY 19 Projected Budget with *NCHIP	FY 19 Projected Budget with **Self-Insured
Employees	\$9,079,542	\$8,373,372	\$8,521,776
Spouses	Not Eligible	1,988,429*	3,408,600**
Child(ren)	Included in Employee Rate (Blended)	1,163,460	1,119,816
Retirees	<u>2,859,300</u>	<u>2,838,210</u>	<u>2,841,025</u>
Total Budget	\$11,938,842	\$14,363,471	\$15,891,217

**NCHIP Projected Budget Increase of \$2.4M includes cost of spouse \$2.0M plus increase in number of employees and approximately 3% overall cost increase for health insurance*

***Self-insured spouse budget assumes maximum cost for lasered spouse*

FY 19 Financial Projections for Spousal Health Insurance Coverage (NCHIP)

- December 4, 2017, projections assumed 172 spouses join the plan if coverage offered
- January 18th employee survey indicated approximately 230 spouses join the plan if coverage offered
- Projected total cost to 230 spouses to join plan \$3.11M
- Projected 230 spouse contributions to join plan \$1.13M*
- Projected County Net Cost \$1.99M for 230 spouses to join plan

**Assumes a monthly premium of \$407 for spouse coverage/\$634 for family coverage with an optional additional premium of \$29 for spouse dental. Also assumes that spouses that are offered an employer-sponsored medical plan would not be eligible for coverage.*

Feedback From Employee Spouse Health Insurance Offering Survey

- Overall employees are supportive of adding spousal coverage, as long as the addition of spousal coverage does not adversely impact the current employee and child(ren) plan.
- Two respondents indicated that their spouse would no longer be eligible for the subsidy that they currently receive.
- Some employees have indicated that their spouse's employer provided coverage is not as comprehensive as Brunswick County's or is too expensive.
- Consider implementation of \$200 per month surcharge if spouse has insurance option through their employer

Self-Insured vs. NCHIP (fully-insured)

Self-Insured

- Claims cost continuing to run favorably and year end estimates for FY 18 may add \$1.2M to reserve
- Plan is stable and reserves may offset a future high cost claim year
- If spouse coverage is offered:
 - Projected total cost to add 230 spouses \$4.58M
 - Projected spousal contributions of \$1.13M
 - Projected Brunswick County net cost \$3.45M
- Projected costs reflect additional exposure due to high cost claims that the stop loss carrier would laser (\$2.4M potential in claims)
- However, actual costs are those incurred with savings to county along with the risks

NCHIP

- Fixed monthly premium
- No reserves required
- Stop loss carrier for the pool would not laser any high cost claimants for the first two years
- Long term sustainability by spreading risk and buying power across a larger population

Other Considerations

- ABA Therapy for Employees with children diagnosed with Autism, Asperger's, PDD, etc.
 - Discretionary
 - Provide up to \$40,000 per Individual Covered
 - Increases the Cost by Benefit Provided
- Discontinue Employee Clinic
 - Cost of Clinic \$250,000 per year
 - No Savings From Clinic Investment if Fully Insured (NCHIP)
 - Assist in Budget Gap For Adding Spouse Insurance
 - Eliminate Clinic Liability

Next Steps

1. Select Plan, Benefits, and Eligibility For Plan
2. If NCHIP Selected, Designate a Staff Representative for NCHIP Board
3. Manager to Develop Recommended Budget Based on Goals of Board
4. Conduct Employee and Child(ren) Open Enrollment in May
5. If Budget Provides Funding for Spouse Coverage, Conduct Spouse Enrollment in June

BREAK

Preliminary General Government

Stephanie Lewis, Director of Operations Services

Bill Pinnix, Director of Engineering Services

Aaron Perkins, Director of Parks and Recreation

Steve Stone, Deputy County Manager

General Government Improvement plan - Draft

Stephanie Lewis, Operations Services Director

General Government Capital Improvement plan - Draft

Project FY 2019 – FY 2021 Funding sources are current capital reserve and pay go:

1. C & D Landfill Closure - \$650,000 engineering in FY 22 from pay go reserve and construction in FY 23 of \$9,284,335; recommend a reserve transfer of \$750,000 to set aside funds for the balance of the estimated closure costs
2. Landfill Transfer Station - \$5,442,876; planned pay go funding in FY 19 of \$731,651 for design; construction estimated at \$4,711,225 in 2020

C&D Study Results & Waste Stream Update

Stephanie Lewis, Operations Services Director

Study to Evaluate Options for Future C&D Debris Waste Stream Disposal

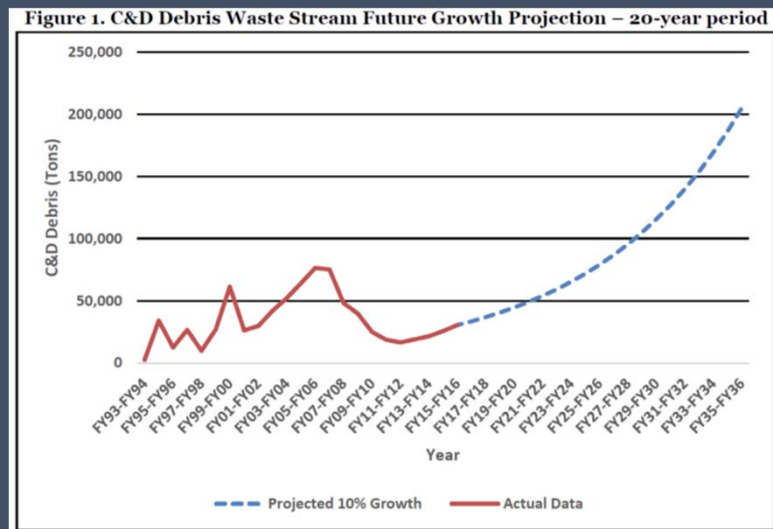
- Waste Stream Analysis
 - Evaluate the historical waste stream data for C&D, MSW & household recyclables (ending FY16)
 - Project future waste stream growth rates for a 20 year planning period

Waste Stream	Projected Annual Growth	Current Waste Stream (tons/year)	10-year Projection (tons/year)	20-year Projection (tons/year)
C&D Debris	10%	30,430	78,927	204,717
MSW	2%	83,813	102,168	124,542
Recyclables	8%	9,269	20,012	43,204
Total	-	123,512	201,107	372,463

- The C&D debris waste stream growth will be dependent on the local building industry and continued development in the County

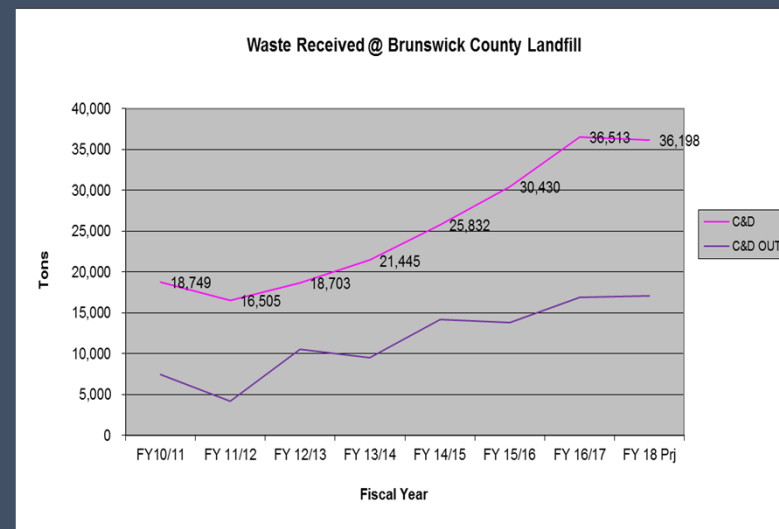
C&D Waste Stream Update

FY 1994 THROUGH FY 2036



- Dewberry's 10% growth projection for FY18 based on FY16 tons = 36,820 tons

FY 2011 THROUGH FY 2018



- Mid Year FY18 tonnage report is 11% less than previous 6 months and projected to remain flat with no growth for FY18

C&D Waste Stream Update

Date*	No Waste Stream Diversion (cy)	25% Waste Stream Diversion (cy)	50% Waste Stream Diversion (cy)	75% Waste Stream Diversion (cy)
July 1, 2017	152,100	152,100	152,100	152,100
July 1, 2018	79,044	97,308	115,572	133,836
July 1, 2019		37,037	75,391	113,746
July 1, 2020			31,192	91,646
July 1, 2021				67,337
July 1, 2022				40,596
July 1, 2023				11,182

Projection of Remaining Capacity in C&D Debris Landfill

* All projections assume annual growth of 10% for the C&D debris waste stream. Values denote remaining capacity at the beginning of the Fiscal Year.

C&D Waste Stream Update

	Tip Fee	Transfer Fee	Revenue
Per Ton	\$59	\$38	\$21
FY18 increase 3,025 tons	\$178,475	\$115,000	\$63,475
FY19 increase 27,375 tons	\$1,615,125	\$1,040,000	\$575,125

- To increase the C&D transfer to 75% for FY19 with no growth projected would cost an additional \$364,000. Revenue is already budgeted.
- Increasing the C&D transfer to 75% would delay the landfill closure for 2 years.

Study to Evaluate Options for Future C&D Debris Waste Stream Disposal

- Market Analysis for Recyclable Materials
 - Landfill Staff conducted a C&D Waste Stream Study – primary wastes available for recycling:
 - Wood – processed on site
 - Concrete – processed on site
 - Asphalt Shingles – hauled to recycler
 - Gypsum – not currently recycled
 - Recycling Markets are currently depressed
 - Brunswick County's location requires hauling of materials to most recyclers
 - BC staff has also attempted to recycle:
 - Mattresses
 - Carpet/Padding
 - PVC/HDPE piping
 - Compost
 - Current C&D waste stream has limited recycling opportunities

2016 Waste Stream Study

Category	% of Waste Stream by Tonnage
Wood (majority is non-pressure treated lumber)	63%
Final Clean Up (wood, brick, bags, tile, and insulation)	15%
Sheetrock	5%
Demolition Debris	17%
Total	

Study to Evaluate Options for Future C&D Debris Waste Stream Disposal

- Operational Analysis for 3 Options
 - Sorting & Recycling
 - Pilot Program – 2 months in-house labor and equipment, FY19 \$13,000 fuel & supplies
 - Target 20 tons per day to sort, hope to recycle 10 tons
 - Phase 1 – should be re-evaluated based on results from the Pilot Program
 - Target 40 tons per day to sort, hope to recycle 20 tons
 - Sorting to occur on the working face of the landfill, may require additional personnel/equipment
 - Phase 2 – permanent sorting facility in the old transfer station
 - Target 40% of waste stream, hope to recycle 50% of the sorted material

Study to Evaluate Options for Future C&D Debris Waste Stream Disposal

- Operational Analysis for 3 Options
 - Extraction & Recycling
 - A pre-pilot program consisting of test bores or core samples and testing of material is recommended in FY20
 - Estimated that 40% of the airspace where C&D is extracted could be reclaimed
 - Higher environmental and safety risks are expected with an extraction program
 - New Transfer Station
 - Existing Transfer Station is undersized for the current waste streams, it was constructed in 1998 for MSW only
 - Currently all MSW, 50% of C&D and all household recycling is processed through the Transfer Station
 - Current Transfer Station is 6,500 sq. ft., new Transfer Station is recommended to be 30,000 sq. ft. based on EPA's guidelines and projected waste stream tonnages

Existing Transfer Station



Operation Services Operating Budget Improvement Major Projects FY 19 - Draft

1. Building B Annex HVAC - \$100,000
2. Convenient Site Attendant Building - \$18,000
3. Barbee Library Roof - \$40,000
4. Harper Library Carpet Replacement - \$20,000
5. EMS Carpet Replacement for 3 Bases - \$7,000
6. Building I Bathroom Renovation - \$30,000
7. Building I Partial Flooring Replacement - \$38,000

General Government Improvement plan - Draft

- Bill Pinnix, Director of Engineering Services

General Government Capital Improvement plan - Draft

Current projects – Funding sources are current capital reserve and debt issue:

1. Senior Center – District 1 (Calabash) Complete Spring 2018, Cost of \$2.4 million inclusive of site and building purchase
2. Courthouse Renovation & Expansion – Design Contract Awarded Scheduled for February 2018, Total budget estimate of \$11 million

Calabash Center Exterior Front



Calabash Center Interior



General Government Capital Improvement plan - Draft

Projects FY 2019 – FY 2022 – Funding to be determined:

1. FY 22 Fire Service Training Center - \$3,200,000
2. FY 20 County Complex Space Needs Study - \$75,000

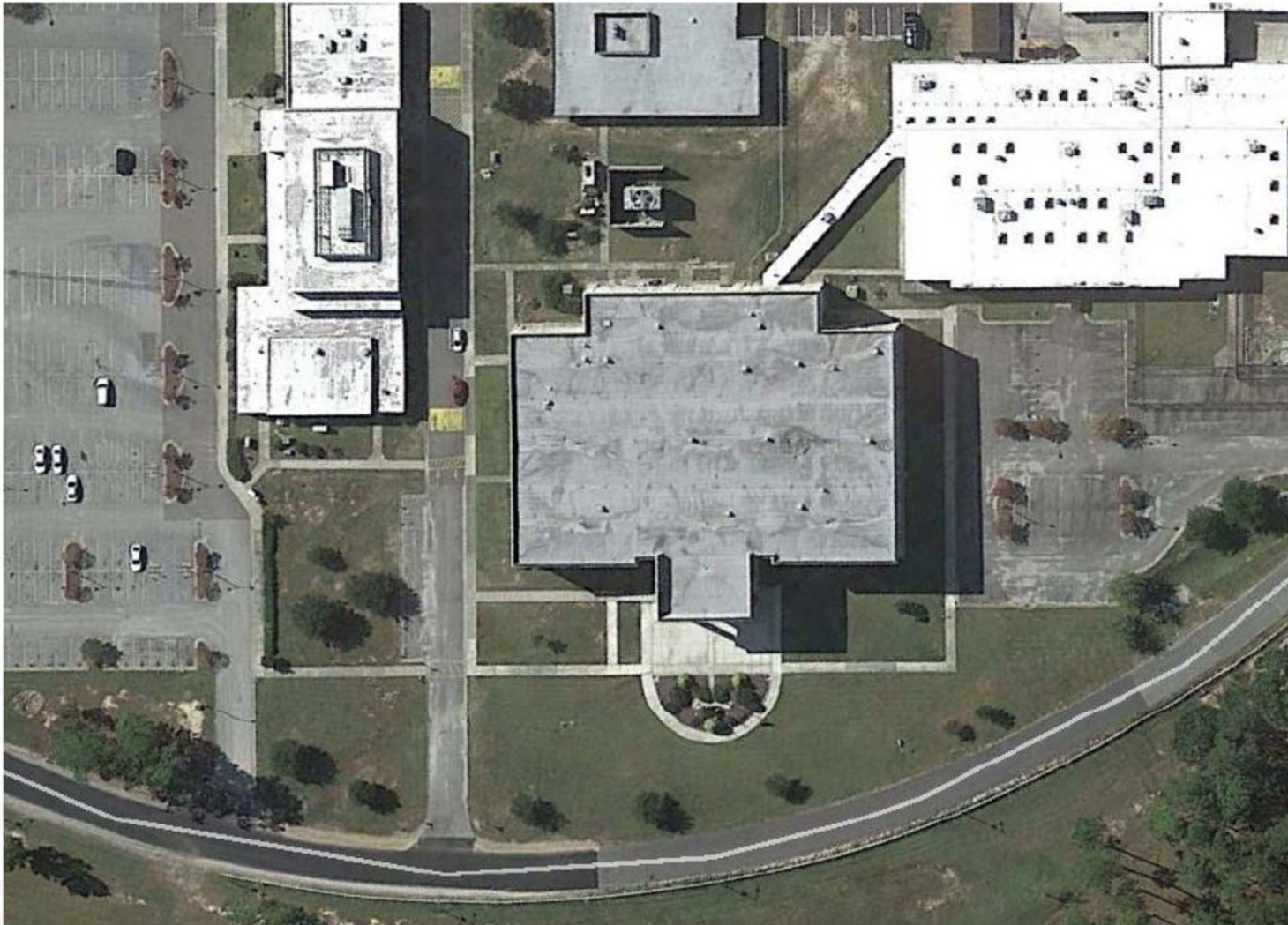
On The Horizon FY 2023 and beyond- Funding to be determined:

1. Detention Center Phase 3 - \$8,250,000
2. Complex Replacement Buildings - \$16,500,000

Brunswick County Courthouse Renovations

- Space needs study completed May 2017
- Study showed need is 64,886 SF and current is 58,779 SF
- Study also showed 53% currently used for space needs and 47% for open space, corridors, elevators, restrooms, mechanical and equipment rooms
- Renovations would improve the plan efficiency of the building
- Maximum efficiency will be achieved by an addition and renovations to existing
- Existing parking spaces will be lost with the building addition on the north side
- Replacement parking will be required for staff and judges for lost spaces
- Design plans were prepared in 2010 for an additional courthouse parking lot

BRUNSWICK COUNTY COURTHOUSE SPACE NEEDS STUDY

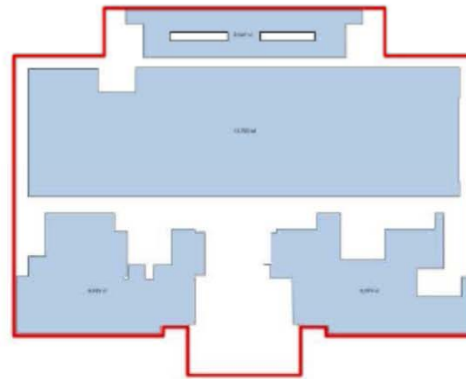


Existing building floor plan efficiency :

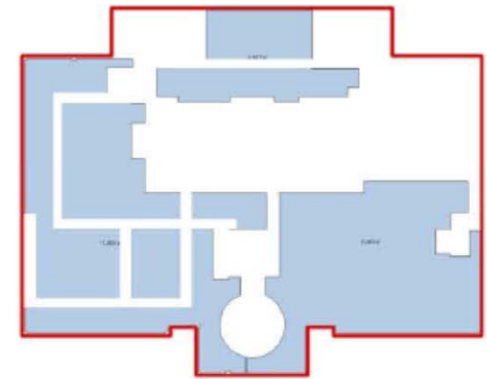
Blue areas are used for space needs



FIRST FLOOR



SECOND FLOOR

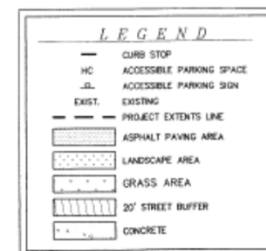
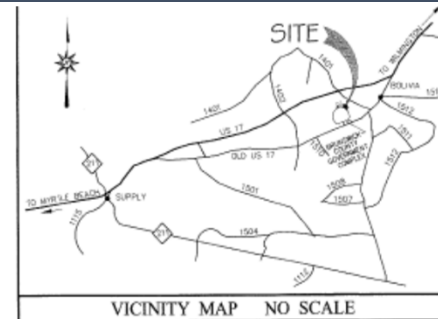


THIRD FLOOR

53% of Building Square Footage is used for space needs

47% is used for open space, corridors, elevators, restrooms, mechanical and equipment rooms.

Renovations would improve the plan efficiency.



REQUIRED INTERIOR PARKING LANDSCAPING				
LANDSCAPE ISLAND AREA	MIN. ISLAND SF	ISLAND SF PROVIDED	TREES PROVIDED	SHRUBS PROVIDED
L1	144	279	SEE LANDSCAPE DRAWINGS	SEE LANDSCAPE DRAWINGS
L2	144	676		
L3	144	511		
L4	144	1043		
L5	144	683		
L6	144	574		
L7	144	374		
L8	144	279		
L9	144	504		
L10	144	543		
L11	144	481		
L12	144	268		
L13	144	597		
L14	144	687		
L15	144	579		
L16	144	543		
L17	144	247		
L18	144	372		
TOTAL		3,141 SF		

NOTES:

1. SEE LANDSCAPE PLAN FOR TREES PLANTED IN ACCORDANCE WITH G.L.S. OF UNIFIED DEVELOPMENT ORDINANCE.
2. TREE CALIPERS ARE MEASURED AT 4 FEET.
3. GROUND COVER SHALL BE GRASS (SEEDED) UNLESS NOTED OTHERWISE ON THE LANDSCAPE PLAN.
4. 3 CANOPY TREES PER EVERY 100 LINEAR FEET OF FRONTAGE (STREET BUFFER).
5. ONE (1) CANOPY TREE, ONE (1) UNDERSTORY TREE, AND SEVEN (7) SHRUBS PER EVERY 100 LINEAR FEET OF PROJECT BUFFER.



BRUNSWICK COUNTY GOVERNMENT COMPLEX
BOLIVIA, NORTH CAROLINA
NEW PARKING LOT
SITE PLAN



DESIGNED BY:	DEC
DRAWN BY:	HYAL
QUALITY CONTROL:	DEC
SCALE:	NOTED
FILE NUMBER:	6310
DATE:	5-11-10

SITE PLAN
SHEET NUMBER
C1



General Government Improvement plan - Draft

Aaron Perkins, Parks and Recreation Director

General Government Improvement plan - Draft

Current projects – Funding sources are current capital reserve, grants, and pay go:

1. Ocean Isle Beach Park – Contract Awarded February 2018
2. Smithville Park – Complete Spring 2018, Additional Multi-Purpose field to begin Summer 2018
3. Brunswick County Waterway Park – Under design, grant funded plus 12.5% match of cash and in-kind

Parks & Recreation Operating Capital Plan - Draft

1. Smithville Additional Ballfields - \$300,000 (project remainder funds estimated to be sufficient)
2. Brunswick Nature Park Electrical Upgrades - \$50,000
3. Navassa concession Stand Restroom - \$245,000
4. Leland Park Playground - \$120,000









General Government Improvement plan - Draft

On The Horizon FY 2024 and beyond- Funding to be determined:

1. Smithville Park - \$5,000,000
2. Lockwood Folly Park Renovation - \$3,500,000
3. Leland Park Renovations - \$1,200,000
4. Cedar Grove Park Phase 2 - \$5,120,000
5. Shallotte Park Construction- \$6,200,000
6. Northwest District Park - \$10,425,000
7. Hwy 211 Coastal Events Center - \$1,000,000

Economic Development (Shoreline Protection) - Draft

Steve Stone, Deputy County Manager

Shoreline Protection & Waterways

1. Waterway Dredging Reserve \$200,000
 - Funding for 50% of estimated local share of 3-4 routine Lockwood Folly maintenance projects
2. Allowance for 1 Major Project \$410,000
 - Funding for 25% of estimated local share of 1 major project to dredge 12' Lockwood Folly navigation channel and provide and place 200,000⁺ cubic yards of beach quality sand

Brunswick Shoreline Protection Consortium

- The Brunswick Shoreline Protection Consortium is an unincorporated collaboration between the County and the beach municipalities of Bald Head Island, Caswell Beach, Oak Island, Holden Beach, Ocean Isle Beach, and Sunset Beach.
- The group meets bimonthly, with the meetings currently hosted by the County. Marc Pages, our Senior Planner, serves as staff coordinator to the committee.
- Meeting topics frequently include reports from the Corp of Engineers and NCBIWA, as well as project status reports from the participants.

Questions and Discussion

Voting Equipment Replacement

Sara Knotts, Elections Director

Replacement Mandated

SL 2013-381

Effective January 1, 2018 – the only voting system that will be certified for use in North Carolina is one which utilizes a paper ballot which is defined as “an individual paper document that bears marks made by the voter by hand or through electronic means.”

SL 2015-103

Delayed decertification of our current voting system to September 1, 2019

Lack of Options

The State Board of Elections has been vacant since June 2017.

Without a state board, new voting equipment cannot be certified.

ExpressVote and DS200

ExpressVote utilizes touch-screen technology that produces a paper-based record for tabulation.

Handles the entire marking process, eliminating marginal marks and the need for voter mark interpretation. Voters utilize the touch screen to mark their vote selections, receiving a verifiable paper vote record upon completion.

ExpressVote is not currently certified.

DS200 precinct-based scanner and vote tabulator equipped.

Cost Estimate

Because ExpressVote is not currently certified, we cannot get an official quote.

Based on pricing we obtained over a year ago, the cost would be nearly \$1.5 million.

- 230 ExpressVote units
- 30 DS200 tabulators

Operational Software

Tom Rogers, 911 Communications & Information Technology Director

Sheriff's Office Operational Software

- Current vendor utilized since 2003
- CAD was the last major module added 2010
- Records Management waiting on major overhaul for over 10 years
- Need to migrate to a new software solution for the Sheriff's Operations
- Current vendor not meeting needs any longer, inefficient, vulnerable, and unsafe
- Worked with development staff, but agency is outgrowing vendor's capacity
- Numerous deficiencies and safety concerns

Deficiencies of current vendor:

- Multiple user logins
- No customized forms
- Duplication of data entry across multiple divisions
- No Crime Analysis feature
- Limited access to records – one login per record
- Extremely limited data sharing between databases
- Complex user interface and configuration
- Forms and spreadsheets are necessary to supplement limitations
- Ineffective reporting
- Officer safety due to lack of historical data
- Updates to software often difficult and time intensive for staff
- Records Management waiting on major overhaul for ~10 years
- Multiple databases and software installations to maintain
- Requires numerous servers to operate suite of software

Solution Identified:

Staff have been researching solutions and have identified software that best matches our business model. It addresses all the identified deficiencies and will carry us into the foreseeable future. It is highly regarded by current customers.

New Vendor Benefits:

- Single application and database with single user sign on
- Integrated forms and natural workflow
- Reporting and custom operation dashboards
- Adds Crime Analysis for investigations
- Increased officer safety
- Ability to collaborate with municipal partners
- Increases operational efficiency and reduces data duplication
- Reduction in servers required to operate

Budgetary Impact

- One-Time Initial Investment ~\$1,156,402
- Costs offset by State 911 Money approximately \$250K
- Recurring Expense Difference ~\$60,000-\$90,000

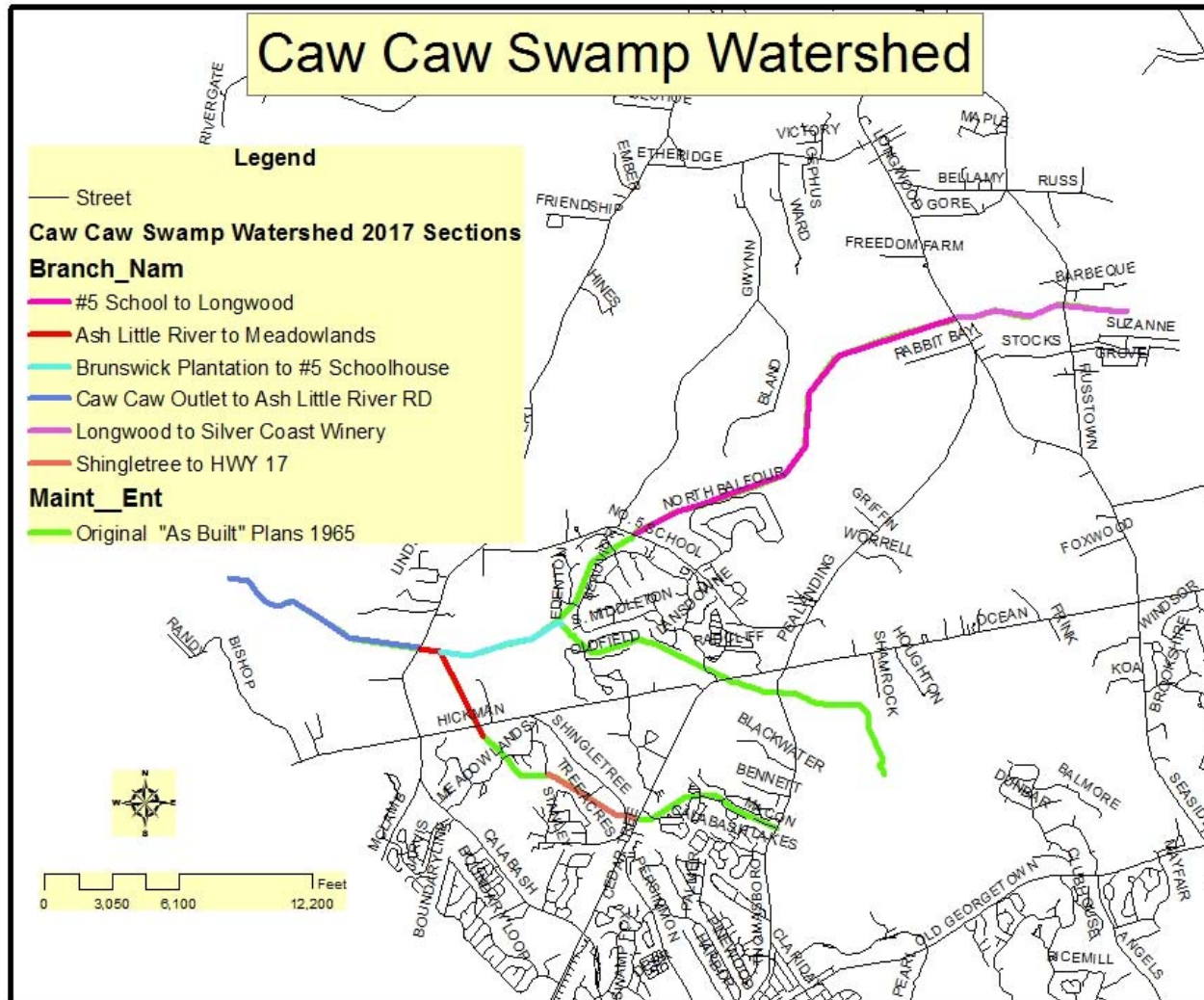
Higher amount due to added features and integrated Crime Analysis – none of which is offered by current vendor

Caw Caw Swamp Watershed

Stephanie Lewis, Director of Operations Services

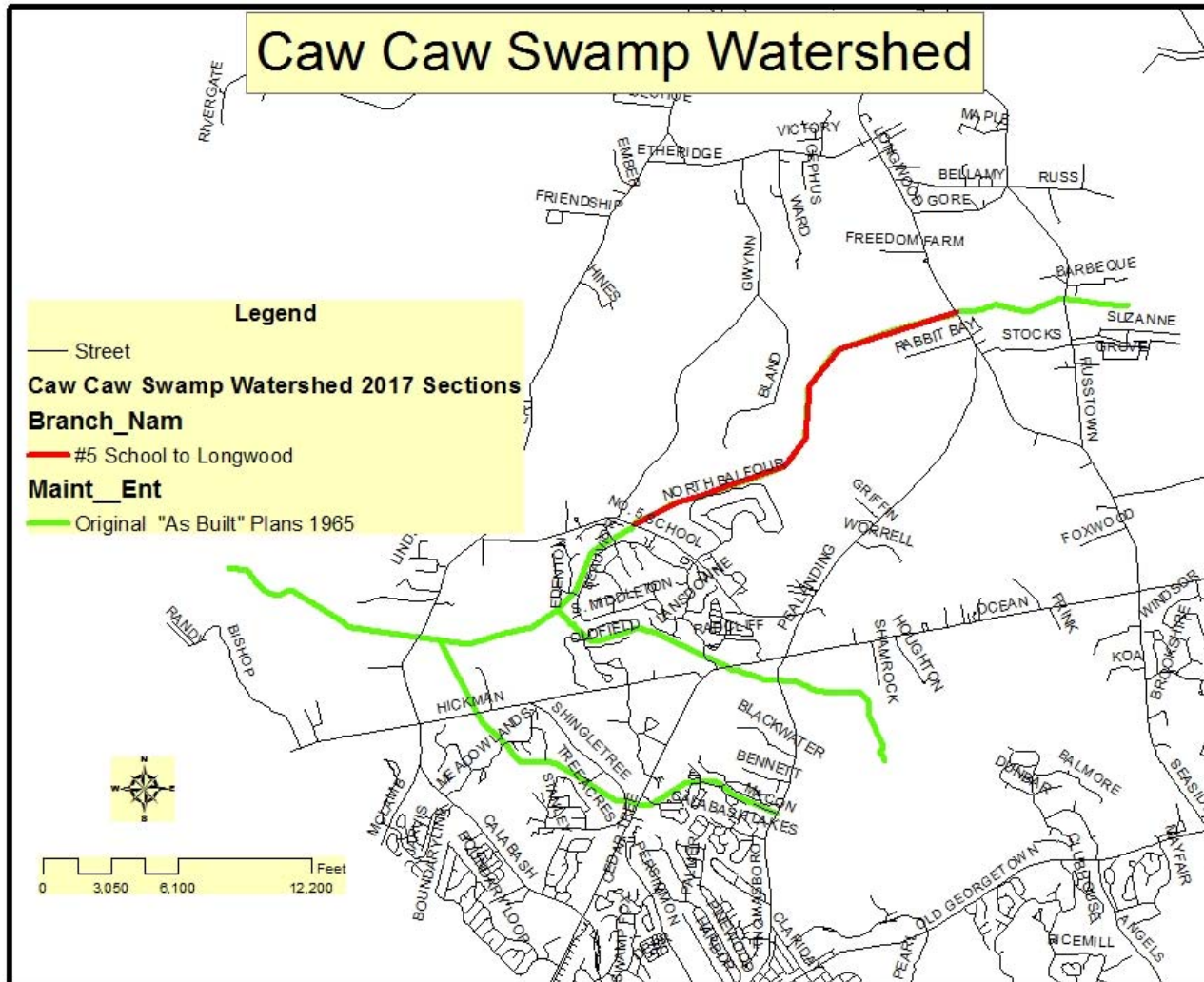
Bill Pinnix, Director of Engineering Services

Caw Caw Swamp Watershed



- Brunswick County maintains 9.8 miles
- 6.7 miles is maintained by private communities:
 - Brunswick Plantation
 - Meadowlands
 - The Farm
 - Crow Creek
- Annual Inspection for needed maintenance items include:
 - Tree Removal
 - Snagging
 - Mowing
 - Pipe Replacement
 - Sand Bar Removal
 - Erosion Control
 - Right of Way Maintenance

Caw Caw Swamp Watershed



2018 Project Area

No. 5 School Rd to
Longwood Rd

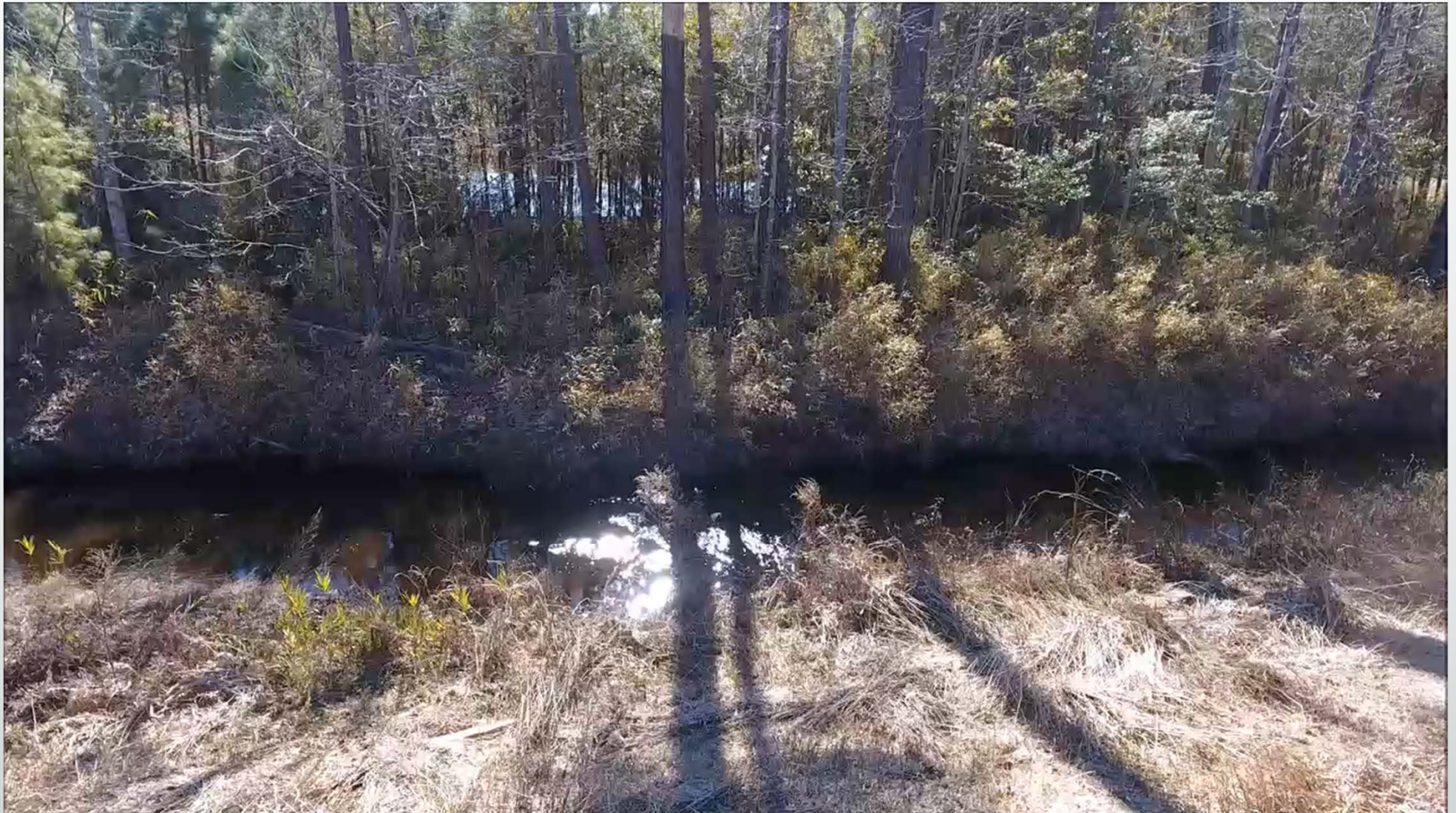
3.6 miles

Identified Maintenance Needs:

- Tree Removal
- Snagging
- Mowing
- Sand Bar Removal

Caw Caw Swamp Watershed

2018 Project Area: No. 5 School Rd. to Longwood Rd.



Caw Caw Swamp Watershed

Board of Commissioners requested additional information on a study for widening the Caw Caw canal

- This question was posed to HDR as part of the 2016 Caw Caw study, the following response was received:

2. Can we widen the canals and/or restore them to their original condition?

This is essentially two questions so let's consider simply restoring the Caw Caw Drainage Canal to its original design.

- *Design plans and environmental permits would have to be prepared to enable this work to begin as regulatory approvals of this type of activity would be required. This type of work could take up to two years to complete and could cost \$4-\$6 million to accomplish. Also, since the original canal design was based on a 5-year, 24-hour rainfall event, executing this work would have a negligible positive impact during a large storm event. Executing this type of construction would also likely result in having to obtain additional easements to enable reasonable access to the existing canal to accomplish this work.*

What about widening the channel?

- *Design plans and environmental permits would have to be prepared to enable this work to begin, as regulatory approvals of this type of activity would be required. This type of work could take up to six years to complete and could cost up to \$20 million to accomplish. Executing this work will reduce the frequency of flooding, but will not eliminate flooding during large storm events similar to what occurred in October 2015. Executing this type of construction would also result in having to obtain a number of easements to enable reasonable access to the existing canal and additional area for the channel widening.*

Questions

Carolina Shores - Drainage Report

Jon Mendenhall, Town Administrator

February 19, 2018

The background features abstract, overlapping green geometric shapes in various shades, creating a modern and dynamic feel. The shapes are primarily triangular and polygonal, with some areas being more opaque than others, creating a layered effect. The colors range from a bright lime green to a darker, muted green.

Emergency Relief of Caw Caw System

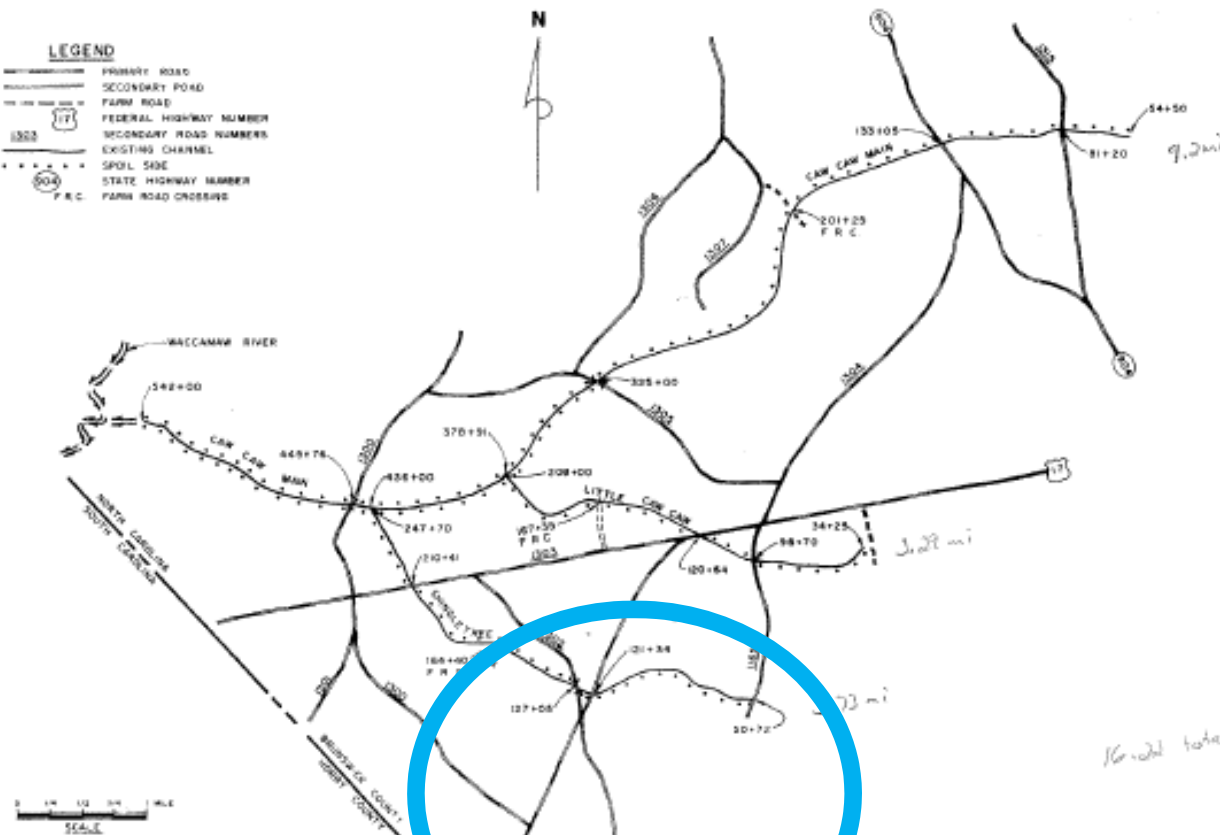
Pilot to Access Regulatory Framework for Emergency Relief

Caw Caw

- ▶ The Caw Caw...it has been talked about, studied, and worked on for a long period of time.
- ▶ We all know and accept that its design condition is very helpful as a drainage system, but not as a flood control system. It simply was not intended for floods of record or even the 1% annual (100yr) reoccurrence.
 - ▶ Floods of record exceed 500yr storms or 0.2% annual reoccurrence, in some cases with 0.1% reoccurrence; except that reoccurrence is occurring more frequently than statistically it should...Floyd and Joaquin since 1999.
 - ▶ Caw Caw was designed for a 5yr storm or 20% annual reoccurrence.
- ▶ Past attention and a great deal of discussion has focused on improvements to Caw Caw in effect turning its mission from drainage to flood control, we support those efforts but recognize that cost and benefit cost may make that option a low priority.
- ▶ We appreciate and applaud the work of County staff to make improvements with force account, that's huge!

LEGEND

- PRIMARY ROAD
- SECONDARY ROAD
- FARM ROAD
- FEDERAL HIGHWAY NUMBER
- SECONDARY ROAD NUMBER
- EXISTING CHANNEL
- SPOIL SIDE
- STATE HIGHWAY NUMBER
- F.R.C.



CHANNEL NAME AND LENGTH	
CHANNEL	LENGTH
Caw Caw Main	48,750'
Little Caw Caw	17,375'
Shingletree	15,630'

Carolina Shores
(Town & ETJ)

ICW: 1.1mi
Georgetown: 70mi

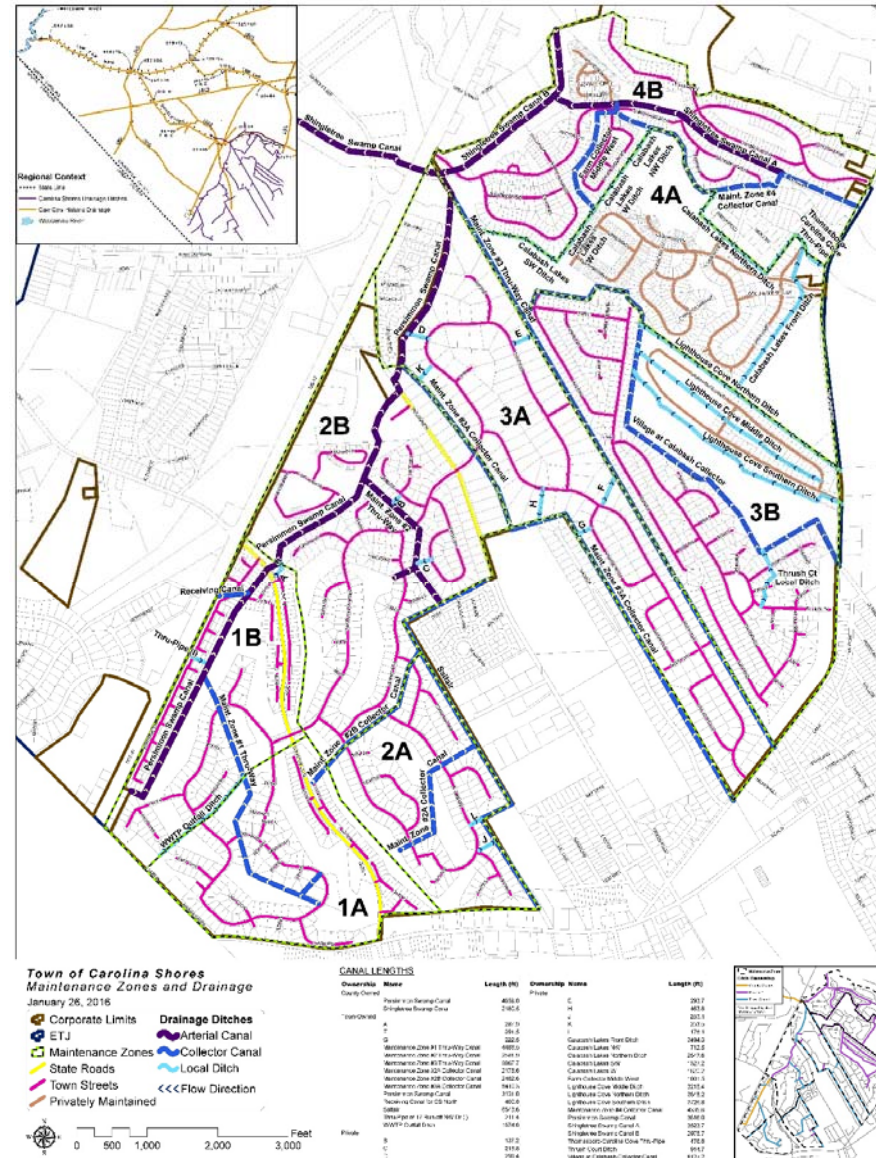
MAINTENANCE MAP
CAW CAW SWAMP WATERSHED
written:
Brunswick County, North Carolina
U.S. DEPARTMENT OF AGRICULTURE
Soil Conservation Service
Raleigh, North Carolina
April, 1972

Thank you! We believe in our team,
our partnership and working together!

Town System

- ▶ 18 miles, canal/ditch serving approximately 4,012 residents. An equal number of system miles are covered under HOA or builder controlled State stormwater permits for 4 neighborhoods. System wide there is approximately 32 miles of public/private assets.
- ▶ The Town of Carolina Shores has spent in excess of \$1.2m since 2016 to maintain, improve, and study the public drainage system. All Town miles are de-mucked, equipment accessible, bank stabilized, and with vegetation maintained including aquatic weeds that cause blockage downstream.
- ▶ The Town has invested heavily in adding storage capacity:
 - ▶ The Town has installed 1 small flood bench, is finishing work on 1 additional flood bench and has 2 more planned for in a grant proposal.
 - ▶ The Town is retrofitting three 3 detention ponds to add capacity to the system.
 - ▶ The Town has established agreements to pump down key private stormwater ponds to free peak discharge storage capacity in storm events.
 - ▶ With all of this investment, there still exists a capacity shortfall, we simply cannot dig our way to sufficient capacity within the Town system.

- Mapped every canal/ditch
- Traced ownership and maintenance responsibility
- Knows flow
- Knows condition
- Has filmed and archived every section
- Has cross sections and elevations
- Has an H&H model for the system



We have a problem...

- ▶ We're still only as good as the design storm on the outfall (5yr storm), everything in our 32 miles outfalls to the Shingletree Canal and Caw Caw Main Canal east of Ash-Little River Road.

Emergency Relief is Needed

- ▶ Caw Caw functions adequately in its design storm and storms within a range from design storm to storms of record (no Matthew flooding).
- ▶ An emergency relief is needed for catastrophic storms that exceed capacity. This emergency relief will be needed to accommodate current as well as future development conditions that left unchecked will cause greater devastation during a flood event.
- ▶ Given significant public ownership of easements in the upper reaches of Caw Caw-Shingletree-Persimmon there exists a possibility to study a flood control pump system to provide emergency relief (not normal flow) back to the Intercoastal Waterway removing the excess flow from the strained Caw Caw during periods of significant flooding.
- ▶ Preliminary analysis indicates: USACE permitting and DEQ permitting (multiple sections), 2 easements, 1 encroachment for a road bore; otherwise between Town/County all easements are in place

Let's Explore

- ▶ We think we should explore this by retaining a consultant to interface with regulatory agencies (USACE NC/SC, DEQ NC/SC) to determine regulatory environment and permitting regulations for such a concept.
- ▶ Questions are free, but we need to have someone on board to know which ones to ask and to have expertise to prepare a report for our joint use.
- ▶ This exploration will not be the end point, but rather provide a sound, unbiased, third party investigation of the “Intercoastal option” giving us both a decision point in the future to refine our long-term planning.
- ▶ The fruits of exploration will be a decision point:
 - ▶ If positive, the next step would be a high level engineering review and cost estimate, a Preliminary Engineering Report (PER), but that’s a future decision.
 - ▶ If negative, the option for using the Intercoastal tool will be removed from the toolbox.

Thank You!

Contact:

Jon Mendenhall

Town Administrator

Town of Carolina Shores

200 Persimmon Road

Carolina Shores, North Carolina 28467

910.575.4877

Legislative Update

Bob Shaver, County Attorney

February 19, 2018

2017 Notable Legislation

- *S.L. 2017-10 (SB 131): Regulatory Reforms*
- **Zoning Regulations (Section 2.4)**
 - Clarifies consistency statement governing board produces when approving or rejecting a zoning amendment. Effective Oct. 1, 2017
- **Subdivision Regulations (Section 2.5)**
 - Adds exemption from definition of “subdivision” for division of a tract when settling an estate
 - Provides for expedited review for division of qualifying tract or parcel greater than five acres
 - Effective July 1, 2017
- **Statute of Limitations for Land Use Violations (Section 2.15)**
 - Five years if violation known; or violation could be determined from public record
 - Seven years if violation apparent from public right-of-way; in plain view from place public is invited
 - Exception for conditions dangerous to public health or safety
 - Effective Oct. 1, 2018

2017 Notable Legislation

S.L. 2017 – 87 (SB 155) “Brunch Bill”

- Allow alcohol sales beginning at 10am on Sundays if local ordinance adopted to authorize.

• *S.L. 2017-4 (HB 142): HB 2 Changes*

- Repeals HB 2 from 2016 special session. Preempts regulation of multiple occupancy bathrooms. Prohibits, until Dec. 1, 2020, a local government from regulating private employment practices or public accommodations.

2017 Notable Legislation

- *S.L. 2017-6 (SB 68): State Board of Elections and Ethics*
 - Establishes “Bipartisan State Board of Elections and Ethics Enforcement” to consolidate functions of State Ethics Commission and State Board of Elections. Eight-member board with Governor appointing four members from each political party.
 - Also increases county boards of elections from 3 to 4 members, split between 2 parties. Democrat chair in odd years and Republican chair in even years.
 - Governor’s veto overridden.
- *Update:*
 - NC Supreme Court reverses on January 26, 2018 and reverts back to two entities and sends case back to lower court.
 - February 8, 2018 – Legislature tries again, now proposing to merge the boards with 4 Republicans, 4 Democrats, and 1 unaffiliated. (as part of House Bill 90)

2017 Notable Legislation

- ***S.L. 2017-7 (HB 239): Reduce Court of Appeals***
 - Reduces size of the N.C. Court of Appeals from 15 to 12 judges. Allows an appeal of right to the N.C. Supreme Court from class action certification orders and termination of parental rights orders. Allows discretionary review when Supreme Court determines matter important to integrity of court system. Governor's veto overridden.
 - Still contested, but stands for now.
- ***S.L. 2017-3 (HB 100): Restore Partisan Elections***
 - Makes elections for superior court and district court judges partisan, effective Jan. 1, 2018. Governor's veto overridden.
 - Jan. 31, 2018 – federal district judge orders partial reinstatement of primaries in some races
 - February 9, 2018 – 4th Circuit stays lower court's order. No primaries in state judicial races.

2018 Bills to Watch - GenX

- H 189 (2017-2018) **SHORT-TERM RESPONSE TO EMERGING CONTAMINANTS (NEW)**. Filed Feb 23 2017, *AN ACT TO IMPLEMENT SHORT-TERM MEASURES TO RESPOND TO EMERGING CONTAMINANTS IN THE ENVIRONMENT*.
- **\$2.4 million to DEQ, but significant disagreement between House and Senate over how it may be used.**
- Senate Amendment #1 adds to the research the **North Carolina Policy Collaboratory** (Policy Collaboratory) is charged to conduct after identifying faculty expertise within the UNC System, using technology and instrumentation existing throughout the UNC System, to include **studying the air emissions and atmospheric deposition of GenX** and other emerging compounds.
- Senate Amendment #2 provides that **of the funds appropriated to the Department of Environmental Quality (DEQ)** to implement the act, \$813,000 can be allocated to the Division of Water Resources for nonrecurring expenses for time-limited positions and operations support, specifically: (1) for the collection of air and water quality samples related to GenX and other emerging contaminants that are delivered to the US Environmental Protection Agency (EPA) or to an entity designated to perform analysis of the samples by the Policy Collaboratory and (2) to address National Pollutant Discharge Elimination System (NPDES) permitting backlogs. Makes conforming changes.

re-referred to House Select Committee on NC River Quality

2018 Bills to Watch - Redistricting

- S 702 (2017-2018) [INDEPENDENT REDISTRICTING COMMISSION](#). Filed Jan 10 2018, *AN ACT TO AMEND THE NORTH CAROLINA CONSTITUTION TO ESTABLISH AN INDEPENDENT REDISTRICTING COMMISSION*.
- *Has been in Senate committee on rules and operations since Jan. 12*

2018 Bills to Watch – K-3 Class Size

- S 703 (2017-2018) [TECH CORRECT TO APPROPRIATIONS ACT OF 2017](#). Filed Jan 10 2018, *AN ACT TO MAKE TECHNICAL MODIFICATIONS TO THE CURRENT OPERATIONS APPROPRIATIONS ACT OF 2017 REGARDING CLASS SIZE IN KINDERGARTEN THROUGH THIRD GRADE*.
 - *Has been in Senate committee on rules and operations since Jan. 12*

House Bill 90

- 4-year phase in of reduction mandates for K-3
- Create separate funding allotment for enhancement teachers (art, music, languages, etc) No reduction of current funding for classroom teachers to pay for enhancement teachers.
- Expand early childhood education funding

2018 Bills to Watch – More House Bill 90

- Changes to Bipartisan Board of Elections and Ethics
- Changes to K-3 Class Size law
- Atlantic Coast Pipeline
 - Redirects \$58 million environmental mitigation funds to schools in counties through which the pipeline runs.

Litigation to Watch

- Redistricting
 - Racial gerrymandering case
 - *North Carolina v Covington* – in federal court
 - Legislative districts redrawn after 28 found to be racially gerrymandered
 - A number of the newly redrawn districts again contested
 - Court appointed special master redrew 9 districts
 - U.S. Supreme Court intervened on petition of state legislators, and issued a split decision:
 - Implement special master version of 4 districts (affecting Cumberland, Guilford, Sampson, and Wayne) (for use in May primary and November election)
 - Stay use of special master version of 5 districts (affecting Mecklenburg and Wake) (use legislature version in May and November)

Litigation to Watch

- Redistricting
 - Racial gerrymandering cases (continued)
 - *Dickson v Rucho* (state court out of Wake County)
 - 2011 challenge to legislative and congressional maps
 - Been sent back down from SCOTUS three times to NC Supreme Court.
 - May be moot in light of *NC v Covington*
 - Partisan gerrymandering
 - *Rucho v League of Women Voters* – federal court
 - Involves congressional districts
 - Federal court ordered redraw; appeal for stay to SCOTUS granted.
 - *Harris v Cooper* – appeal of a lower court decision declining to hear a partisan gerrymandering claim. Unclear whether will be accepted for hearing on appeal.

Litigation to Watch

- State Board of Education v. State of NC and Mark Johnson
 - *Challenges H17, which transferred powers from Board of Education to Superintendent Mark Johnson.*
 - *North Carolina Supreme Court heard oral arguments on Feb 7, 2018. No ruling yet.*
 - *Argument: General Assembly cannot reallocate constitutional powers, and did so by removing responsibilities of the Board over the public school system and giving them to Superintendent.*

Other Issues to Watch

Schools suing Counties over funding disputes

S531 would have repealed authority for school boards to sue county commissioners over school funding. The bill had favorable movement but was voluntarily halted pending completion of a report on dispute resolution methods by the Joint Legislative Program Evaluation Oversight Committee.

The report was released in January 2018. It proposes a formula for funding when dispute resolution fails.

**same amount for first disputed year*

**same amount for second disputed year*

**3% growth rate added thereafter.*

Other Issues to Watch

More Judicial Reform?

Persistent speculation that a non-public bill is being debated on appointment ("merit selection") versus election, or some form of redistricting that would change election of judges and district attorneys.

**would require constitutional amendment*

**some counties already passing resolutions in opposition*

(Beaufort, Nash, Davidson)

Abandoned Boat Ordinance

Bob Shaver, County Attorney

February 19, 2018

LUNCH

Fire Commission and Fire Department Budget Process

Brian Watts, Emergency Services Director
Mack Smith, Fire Administrator

Fire Commission



Fire Commission

- Is an advisory board to the County Commissioners
- Is comprised of 19 members
- Currently meets monthly

Fire Commission Breakdown

- Seven Elected Officials
- Six Appointed Citizens
- Five Fire Chiefs
- President of the Brunswick Co. Fire Chiefs Association

Fire Commission Breakdown

Seven Elected Officials

- Mayor Brenda Bozeman, Town of Leland
- Mayor Joyce Dunn, Town of Carolina Shores
- Commissioner Pat Sykes(Vice Chair)
- Mayor Alan Holden, Town of Holden Beach
- Mayor Pro-Tem Loman Scott, Town of Oak Island
- Commissioner Mike Forte
- Mayor Walt Eccard, Town of Shallotte(Chair)

Fire Commission Breakdown

Six Appointed Citizens

- Carol Dunham, Dist. 1
- Len Henderson, Dist.2
- Donna Loosley, Dist. 3
- District 4, Currently Open
- William Wilson, Dist. 5
- John Fugee, Citizen at Large

Fire Commission Breakdown

Five Fire Chiefs

- Chief Donnie Williams, Navassa Fire Dept.
- Chief Robert Yoho, Ocean Isle Beach Fire Dept.
- Chief Teresa Tickle, Boiling Spring Lakes Fire Dept.
- Chief William Bailey, Supply Fire Dept.
- Chief Charles Drew, Southport Fire Dept.

President of Brunswick Co. Fire Chiefs Assoc.

- Chief Doug Todd, Tri-Beach Fire Dept.

Four Initial Goals/Priorities

- Performance Measures

Sub-committee working thru recommended Performance Measures

- Funding

- Training

- Equipment

Departments reporting current status of equipment.

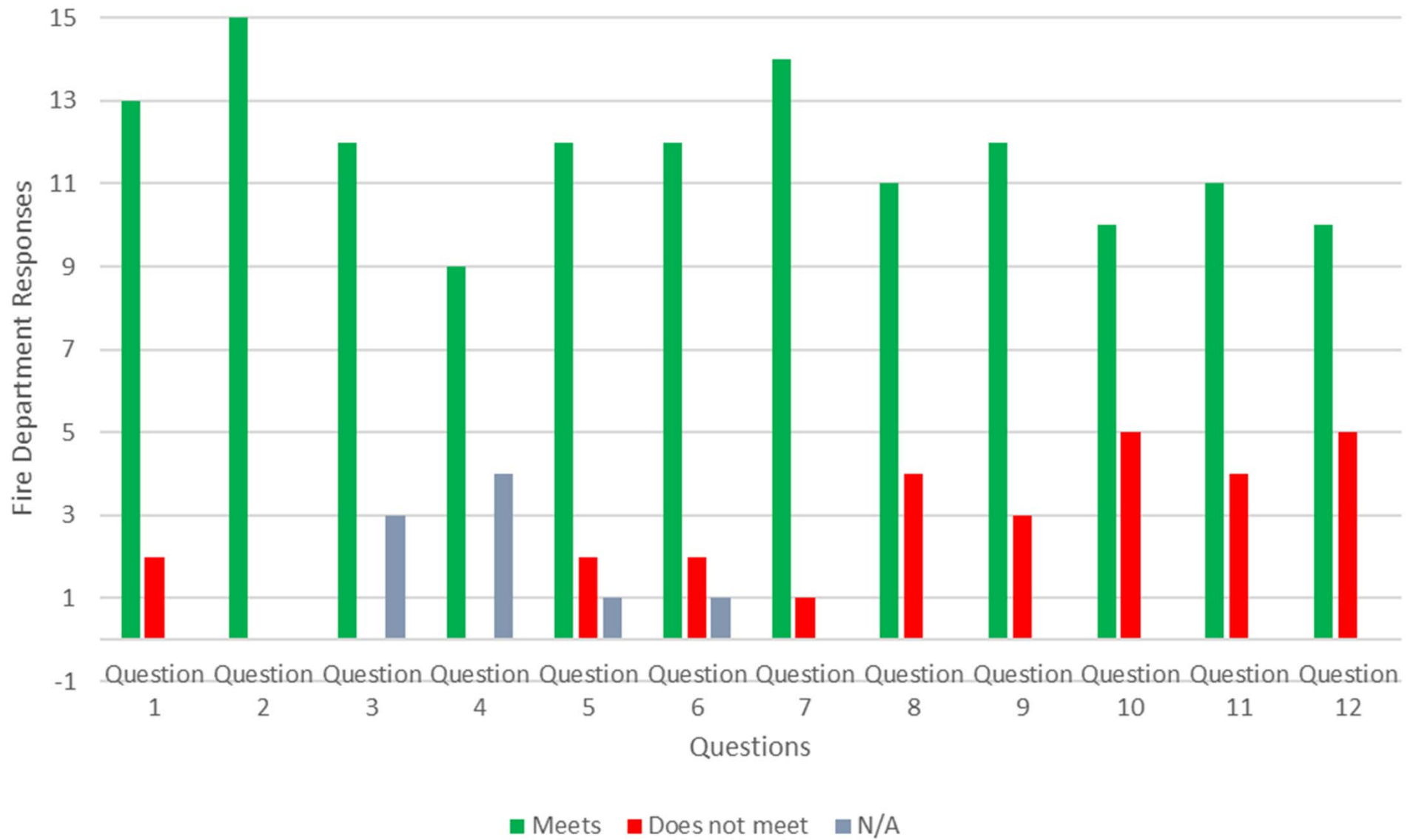
Performance Standard Sub-Committee

- Mayor Joyce Dunn(Chair), Carolina Shores
- Commissioner Mike Forte
- John Fugee, Citizen at Large
- Chief Doug Todd, Tri-Beach FD

Performance Standards Sub-Committee

- Has made initial recommendations back to Fire Commission
- Waiting on feedback from Fire Commission and Fire Chiefs
- Then will make their final recommendations back to Fire Commission

Performance Standards



What's Next

- Fire Dept. Organization

1. Volunteer Recruitment and Retention
2. Standardized Pay
3. Budget Development

- Equipment Needs in County

- Training Needs

Budget Process

Fire Department Budget Process

- Budget Timeline:
 - February 28, 2018:
 - Budget request due to Emergency Services
 - March 1 through April 15, 2018:
 - Fire Fee Rate Setting Committee meetings
 - May 1, 2018
 - Recommended fire department budgets presented to County Manager
 - May 21, 2018
 - Fire Department budgets presented to Board of Commissioners

Questions ?

Brunswick County EMS Community Paramedic Proposal

Kevin Mulholland, EMS Operations Manager

Community Paramedics

- Unmet Medical Needs for citizens who are recent hospital and Nursing home discharges; COPD, CVA, CHF..
- Manage County's Medically Fragile Registry
- Oversee Opioid Overdose response and follow up

Community Paramedics

- Follow up visits for high risk Discharges from hospitals and skilled nursing facilities
 - Goal of reducing re-admission
 - Review discharge orders and compliance challenges work with other healthcare providers
 - Education of Patient/family and how to self manage
- Manage the Medically Fragile Registry
 - Disaster planning point of contact
 - Home visit and assessment of needs during emergency

Community Paramedic

- Public Health Crisis Opiate Response
 - Will follow up with every Overdose response
 - Steer patient to available substance abuse services
Reduce “response-resuscitate-relapse”
 - Educate patient of clean needle locations
 - Teach family and friends of proper Naloxone administration

Community Paramedic

- Successful plans Wake, New Hanover and McDowell Counties



Community Paramedic

- Opportunity for Long term Employee Paramedics
- Skill set for critical thinking decision making
- New Career path extend careers
- Paramedic shelf life 5-8 years.
- Only competent compassionate care providers
- Education available with Distant learning from Cape Fear Valley in Fayetteville
- Local facilities would help with clinical hours

Community Paramedic

- Cost projections
 - Personnel:
 - 3 New FTE's
 - Supervisor and 2 Community Paramedics
 - \$200,113
 - Equipment:
 - Vehicle, cardiac monitor, additional medical equipment
 - \$78,000
 - Total Program cost
 - \$278,113
 - Recurring cost \$215,000

Highlights of the Opioid Task Force

David Stanley, HHS

Opioid Task Force: Highlights

Initiatives Underway Now:

Website <http://www.brunswickcountync.gov/health/opioideducation/>

Anchor Initiative <http://www.brunswicksheriff.com/community-programs/anchor-initiative>

County Forums <http://www.ncacc.org/646/County-Opioid-Abuse-Resources>

Trillium PSA <http://www.ncacc.org/646/County-Opioid-Abuse-Resources>

Safe Housing Opportunities: *Healing Place, Section 8 Preference, HUD Supportive Housing Program for those with disabilities*

Data mapping and collection

Drug take back events

Peer Support Court

Harm Reduction Activities

Additional treatment capacity for treatment and MAT, *Trillium contracted to bring a provider on campus*





Brunswick County
Social Services

Brunswick County
Health Services

Area Healthcare Providers

**On-Site Mental Health Clinic
(Building F, BC Government Complex)**

- Outpatient Therapy
- Medication Management
- Substance Abuse Intensive Outpatient Program
- Psychiatric Services (On-Site & Telehealth)
- Comprehensive Clinical Assessments for Foster Children
- Therapy Services for Custodial Children w/ Substance Use Disorders
- Assessments for Parents of Children taken into Custodial Care
- Behavioral Health Services offered on Weekends & After-Hours
- Harm Reduction Strategies

Brunswick County
Detention Center

Brunswick County
Drug Court

Brunswick County
Sheriff's Office

Therapy and Assessment
Services

Referrals

Referrals

"warm hand-off" to treatment upon release

Access to MH/SA Counselor

24/7 access to SA/MH services

Opioid Task Force: Highlights

Initiatives Underway Now:

Transportation Support



Data mapping and collection

Drug take back events

Peer Support Court



Naloxone kits (NC Harm Reduction and Coastal Horizons)



Syringe Exchange Program (NC Harm Reduction and Coastal Horizons)

Medication Lock Boxes (Coastal Horizons and Health Department)

Medication Drop-Off Sites (BCSO, Leland, BSL, Calabash, OIB)

Opioid Task Force: Highlights

Initiatives Underway Now:

Health and Human Services has established contracts with:

- ***Coastal Horizons:*** to provide treatment support for those who don't have any other means
- ***Hope Harbor:*** to help provide emergency shelter and wrap around services to those who are victims of domestic violence
- ***Providence Home:*** to provide emergency shelter and wrap around services to teens in crisis
- **New Hope Clinic:** to help provide health services regardless of ability to pay
- **Brunswick Family Assistance:** to help provide emergency nutrition and other assistance services to those who find themselves in crisis



Opioid Task Force: Highlights

Budgetary Initiatives to Consider

Prevention Coordinator \$70,000 Annually (3 Year Commitment)

- Assist with substance use disorder prevention education and care coordination
- Stepping Up Initiative

Public Service Announcement \$10,000

Supportive Housing

- “Healing Place,” \$13,000 Per Bed Annually

Community Paramedic Program, Emergency Services

Opioioid Task Force: Highlights

On the Horizon:

- **Federal and State mental health funding issues**
- **State funded public service announcements**
<http://pastop.org/downloadable-media-products/>
- **Study of the treatment needs in the county**
<https://www.trilliumhealthresources.org/sites/default/files/docs/Strategic-Planning-Outcome/Trillium-Gaps-Needs-SFY2016.pdf>
- **CASA Works Program**
- **Cures Act Funding**
- **Stepping Up**

Combined Opioid and Stepping Up Commission Framework Discussion

Groups Charge?

The mission of the Mental Health Commission would be to make advisory recommendations to the Brunswick County Board of Commissioners on mental health and drug addiction

1. Increase public awareness,
2. Engage community members on a large scale,
3. Reduce stigma surrounding addiction and mental health
4. Assess the availability and accessibility of mental health, drug addiction treatment services, and overdose reversal throughout the county, and identify areas that may be underserved
5. Support efforts to expand access to new, evidence-based treatment, to underserved areas
6. Support efforts to divert non-violent drug offenders to recovery and treatment in lieu of incarceration

How Would The Commission Be Formed?

In addition to County Commissioners, representation, from health and human services, planning, community outreach, faith based, medical/treatment providers, and law enforcement/ jail/probation/courts would also be encouraged. A sample membership list could include:

1. Brunswick County Board of Commissioner member (2)
2. Representatives of health care provider organizations from each BOCC district (5)
3. Trillium Southern Regional Representative (1)
4. Public citizens one from each BOCC district and one at large (6)
5. Representatives of municipalities from each BOCC district (5)
6. County Staff (non-voting)

Highlights of the Stepping Up Initiative

David Stanley, HHS

Stepping Up: Highlights

Initiatives Underway Now:

2nd meeting is scheduled for March 19th

- Collecting Jail Data
- Discussing treatment capacity for our area

Referral Process

- Mental Health Treatment
- Supportive Housing

Treatment in Jail

Reaching out to DA and Judges for input



Stepping Up: Highlights

Budgetary Initiatives to Consider:

- Supporting Prevention Coordinator Position

Stepping Up: Highlights

On the Horizon:

Federal and State Mental Health Funding Issues

Study of the treatment needs in the county

<https://www.trilliumhealthresources.org/sites/default/files/docs/Strategic-Planning-Outcome/Trillium-Gaps-Needs-SFY2016.pdf>

Raise the Age Law

Working to answer these questions

1. **Is your leadership committed?**
2. **Do you have timely screening and assessment?**
3. **Do you have baseline data?**
4. **Have you conducted a comprehensive process analysis and service inventory?**
5. **Have you prioritized policy, practice, and funding?**
6. **Do you track progress?**



BREAK

Preliminary Enterprise CIP

John Nichols, Director of Public Utilities

Bill Pinnix, Director of Engineering Services

William Early, Executive Director of Brunswick BID

A background image showing a person's hands using a power tool, likely a grinder, on a metal surface. This action is creating a large number of bright, glowing orange and yellow sparks that are flying through the air, creating a bokeh effect in the foreground. The overall color palette is dark, with the sparks providing a strong contrast.

Brunswick

BID

BUSINESS &
INDUSTRY
DEVELOPMENT

Funding Initiatives International Logistics Park & Mid-Atlantic Industrial Rail Park Utilities

BRUNSWICK COUNTY COMMISSIONERS' GOALS WORKSHOP
FEBRUARY 19, 2018

IN PARTNERSHIP WITH



BRUNSWICK COUNTY NORTH CAROLINA

Over 17,000 Acres Zoned Industrial

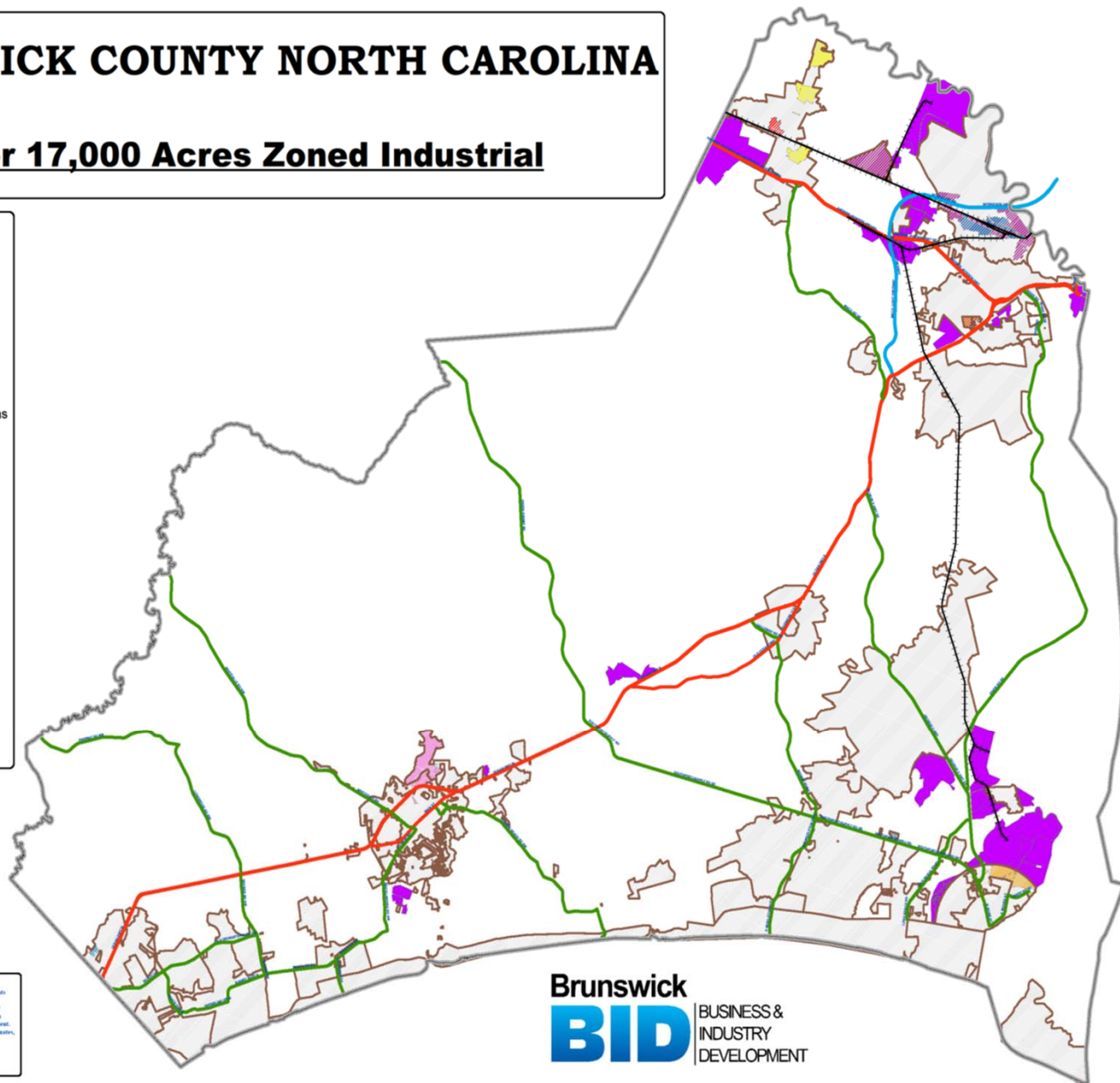
Legend Industrial Zoning

- ++++ Railroad
- Interstate
- NC Hwy
- US Hwy
- ▭ Municipal and ETJ Areas
- BE-I
- BO-HI
- CO-IG
- CS-ID
- NA-HI
- NA-LI
- NW-HI
- NW-LI
- SH-HI
- SH-LI
- SJ-CI
- SP-HI
- SP-LI



Brunswick County assumes no legal responsibility for the nature of, content of, or accuracy of any information contained on this map. This map may not be accurate or up to date. All map information must be verified for accuracy. Grid based on NC State Plane Coordinates, NAD 83 datum, feet.

Brunswick County GIS
2/2018



Brunswick
BID BUSINESS &
INDUSTRY
DEVELOPMENT

Project Scope

Provide water and sewer services to the International Logistics Park which will also serve the Mid-Atlantic Industrial Rail Park.

- ✓ Better positioned to attract new or expanding industrial clients
- ✓ Shovel ready site(s) to meet tight vertical schedules
- ✓ Bring two Mega Sites into alignment with current market demand

Proposed US 74/76 Utilities Improvements



Prepared by Brunswick County Public Utilities

Legend

Existing Utilities

- Force Main
- Gravity
- Low Pressure
- Water Hydrants
- Water Mains
- Columbus County Water Tower
- Columbus County Water Main

Proposed Utilities

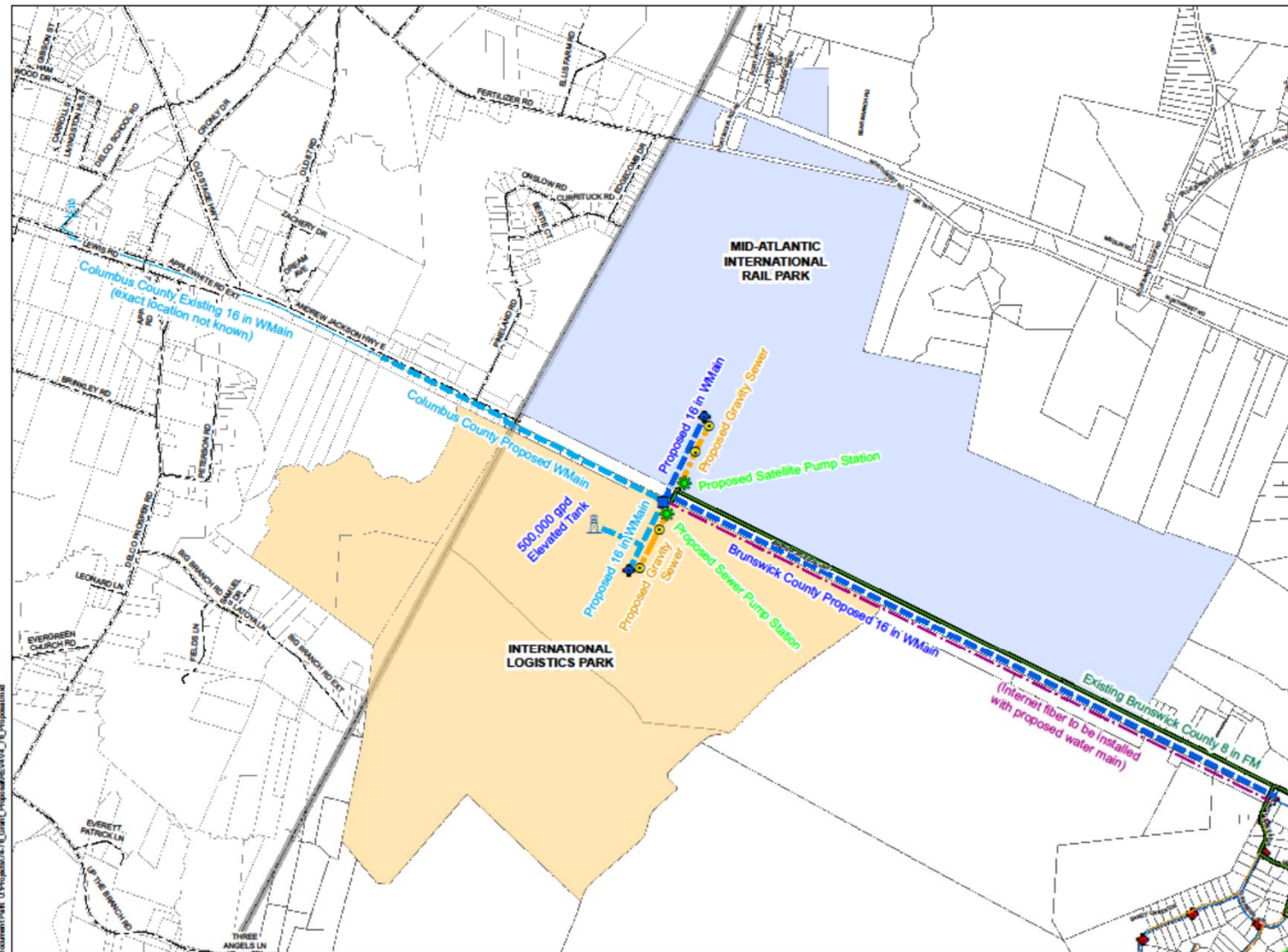
- Proposed Gravity Sewer
- Proposed Brunswick WMain
- Proposed Columbus WMain
- Proposed Fiber Optic Ext
- Proposed Elevated Tank
- Proposed Hydrant
- Proposed Metering Vault
- Proposed Pump Station
- Proposed Manhole
- MAIRP - served by Brunswick
- ILP - served by Columbus Co
- Parcel Boundaries
- County Border



7/7/2017

0 0.05 0.1 0.2 0.3 0.4 Miles

Scale: 1 inch = 0.1 miles
Map Date: 7/7/2017
Map By: [Name Redacted]



Project Goals

- Short Term:

- ✓ Extend wastewater infrastructure to International Logistics Park (ILP) and Mid-Atlantic Industrial Rail Park (MAIRP)

- Long Term:

- ✓ Extend water infrastructure to ILP and MAIRP
- ✓ 500,000 gal elevated water storage tank for fire suppression

Summary

- Proposed Schedule:
 - ✓ Wastewater infrastructure will be complete in Summer 2019
 - ✓ Waterline extensions and interconnection complete Dec. of 2020
 - ✓ Elevated water tank upon commitment of initial client locating at either of the two mega sites
- Cost to Brunswick:
 - ✓ Wastewater infrastructure = \$0
 - ✓ Water infrastructure TBD
 - ✓ Elevated water tank TBD

Water Capital Improvement Plan -DRAFT

Bill Pinnix, Director of Engineering Services

Water Capital Improvement Plan -DRAFT

Current Projects Status - Funding sources are current capital reserve, pay go and grant proceeds:

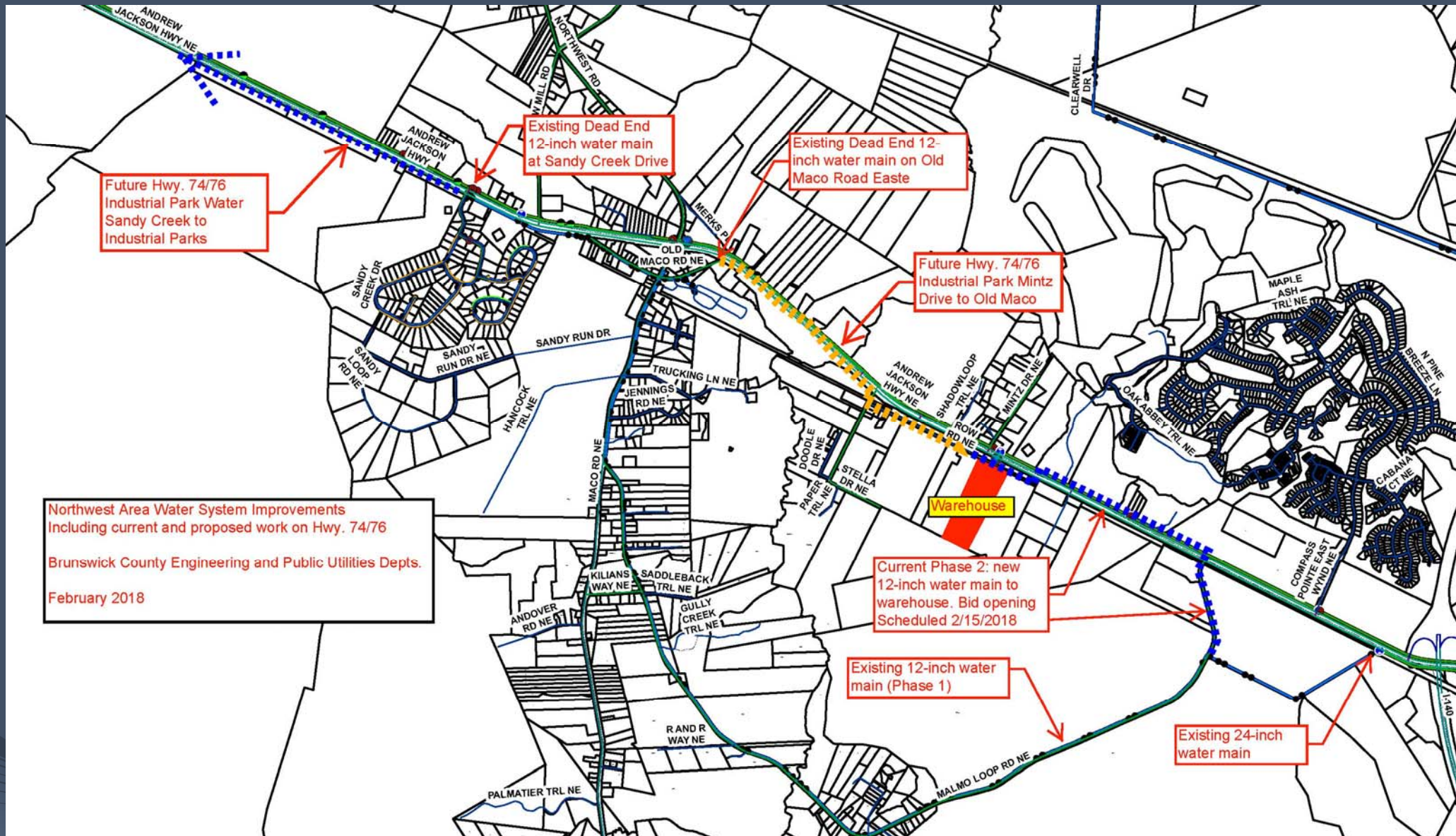
1. Hwy 74/76 Water Main Phases 1 and 2 \$1,500,000 – Phase 1 previously completed, phase 2 bid opening February 2018
2. FY 16 Top 7 and Apollo Water Mains \$4,340,000 – Contract B under construction, Complete June 2018

Highway 74/76 Water Main Phases 1 and 2

- This project designs and installs 12-inch transmission water mains in the Northwest area to provide improved system pressure, flow, and interconnectivity in the region
- Phase 1 was a 2nd feed to the City of Northwest from Hwy. 74/76 along Malmo Loop Road, Maco Road, and back to Hwy. 74/76 at Maco Station. In service May of 2014. This main improved system pressure and flow to Northwest as well as provided a 2nd point of billing
- Phase 2 is a new main from the 12 inch main on Malmo Loop Road near Martin Marietta out to Hwy 74/76 and then proceeds northwest to the large warehouse facility on 74/76. This main will provide fire protection to the warehouse as well as complete a significant section of water transmission main on Hwy 74/76. The county received a Golden Leaf Grant for part of the project funding. Bid opening was 2/15/2018. Construction should begin in mid to late March once awarded.

Water Capital Improvement Plan – DRAFT

Hwy 74/76 Water Main



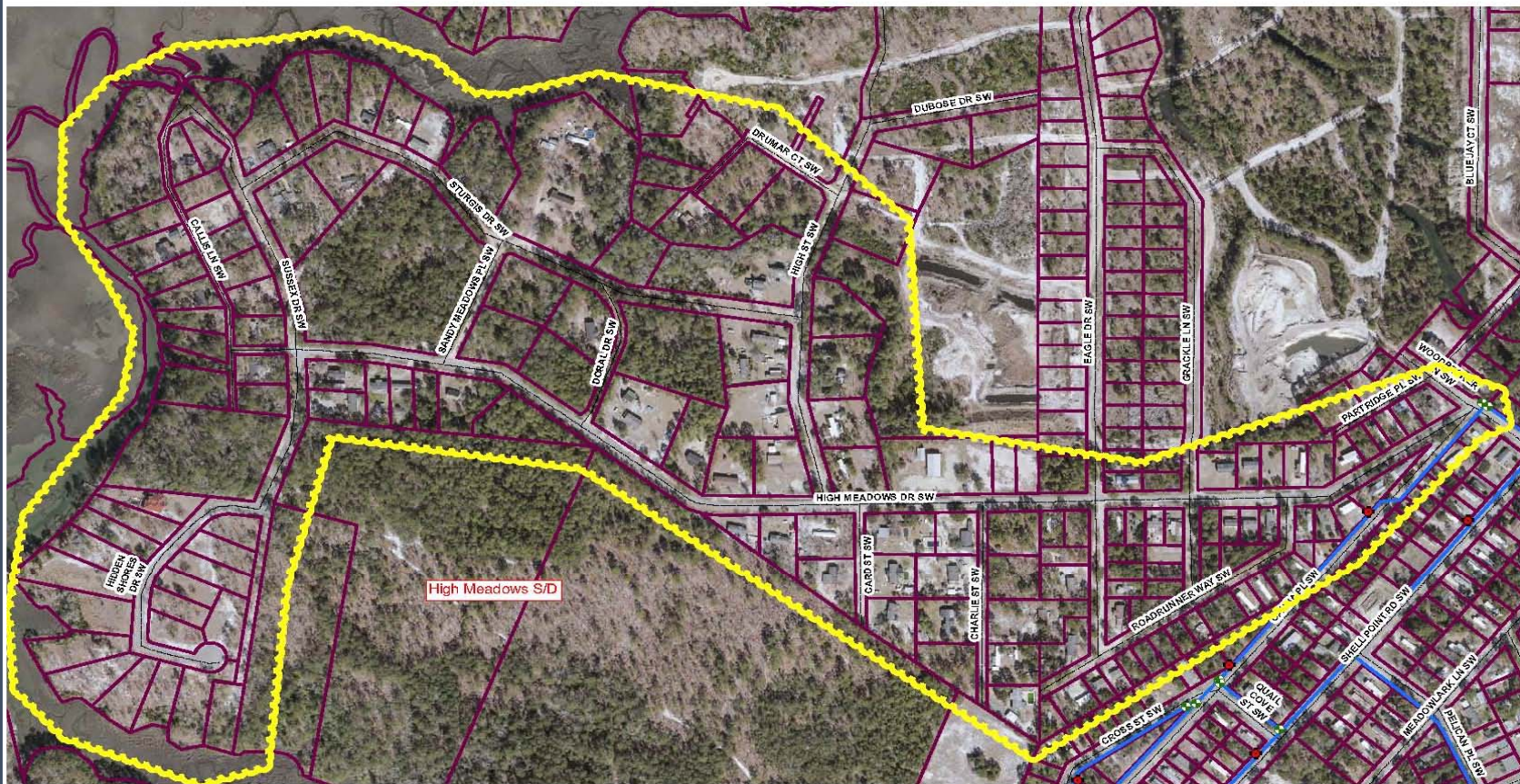
FY16 Enterprise Water Main Top (7) & Apollo Street

- This project installs water mains in areas based upon project ranking criteria and results from a survey letter sent to the top ten ranked areas
- The FY16 project is fully designed and permitted and set up with four contracts:
- Contract A: Apollo Street (Completed and in service on 6/9/2017)
- Contract B: High Meadows Subdv., Taft Road / Sea Wynd Subdv., Old Town Creek Rd. Bid opening was 9/21/2017. Contract awarded to T. A. Loving Company (\$1,465,000). Notice to Proceed was 1/15/2018 with a (150) day completion timeframe
- Contract C: Ludlum Road, Country Meadows Subdv., and Russtown Road may be bid in FY2018 -19
- Contract D: Big Neck / Mill Branch Road may be bid in FY2019-20
- Additional rankings / surveys will not take place until Contracts A-D are constructed

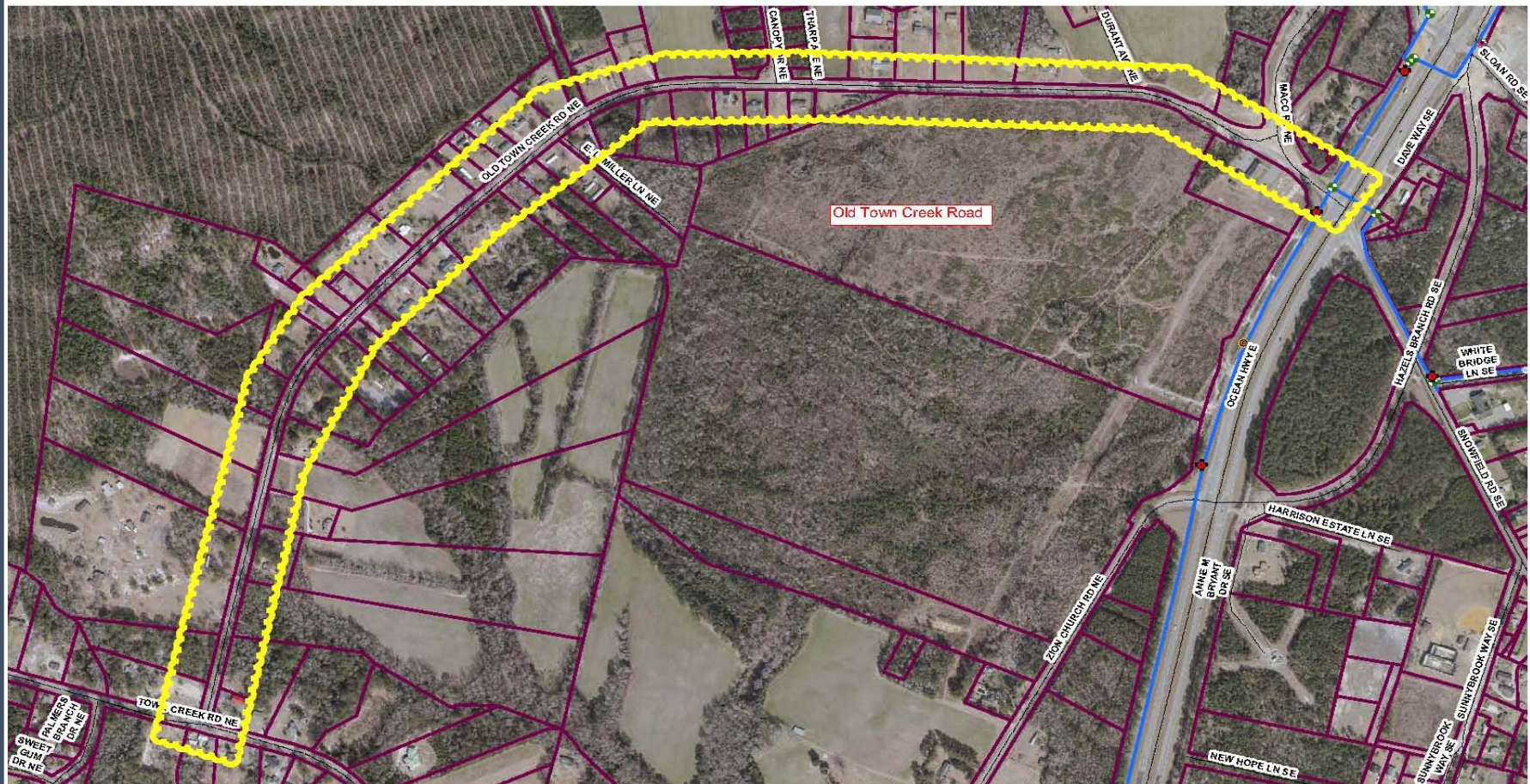
FY16 Top (7) & Apollo Street Project FY17 --- Apollo Street



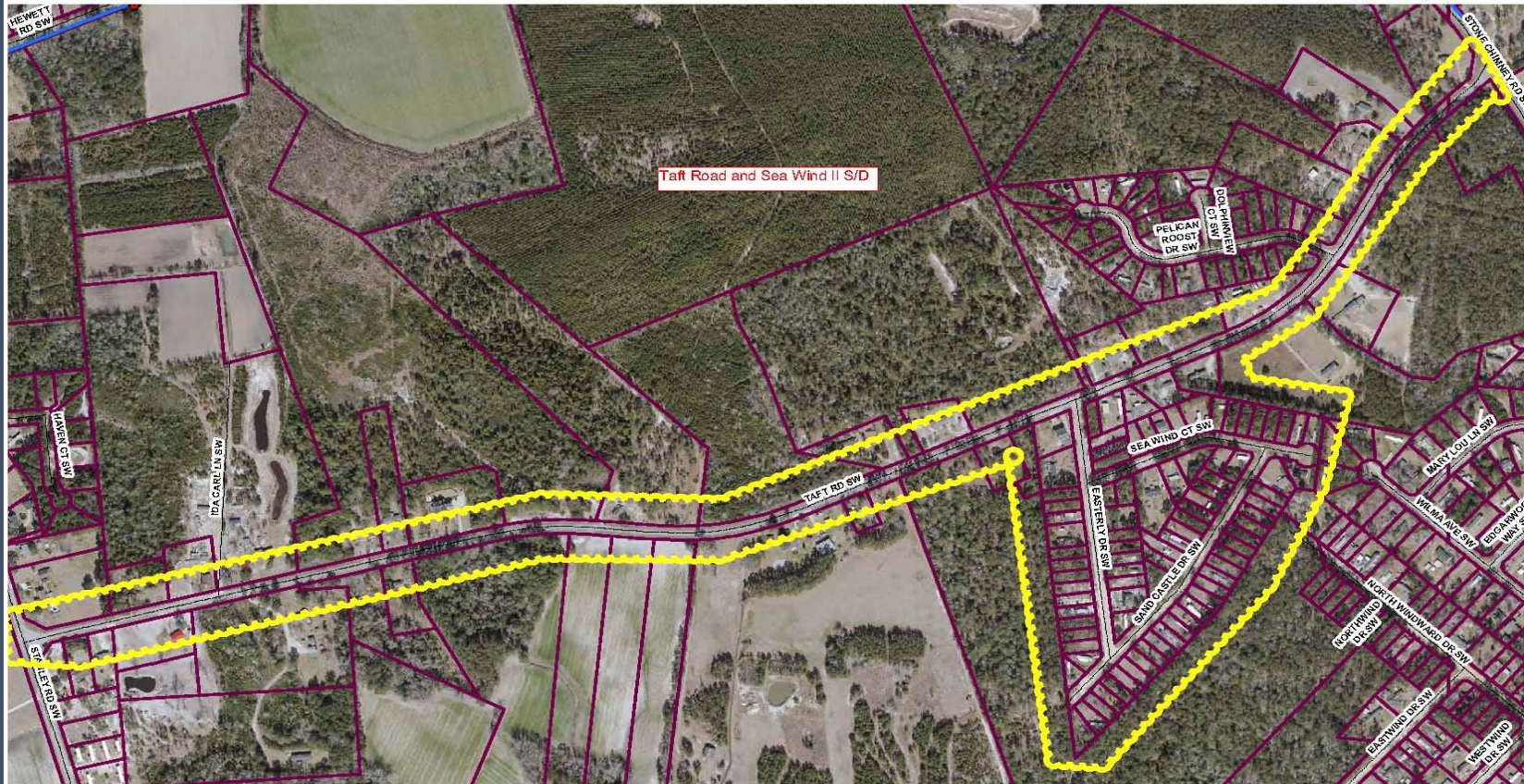
FY16 Top (7) & Apollo Street Project FY18 --- High Meadows Subdv., Old Town Creek Rd., & Taft Rd/Sea Wynd Subdivision



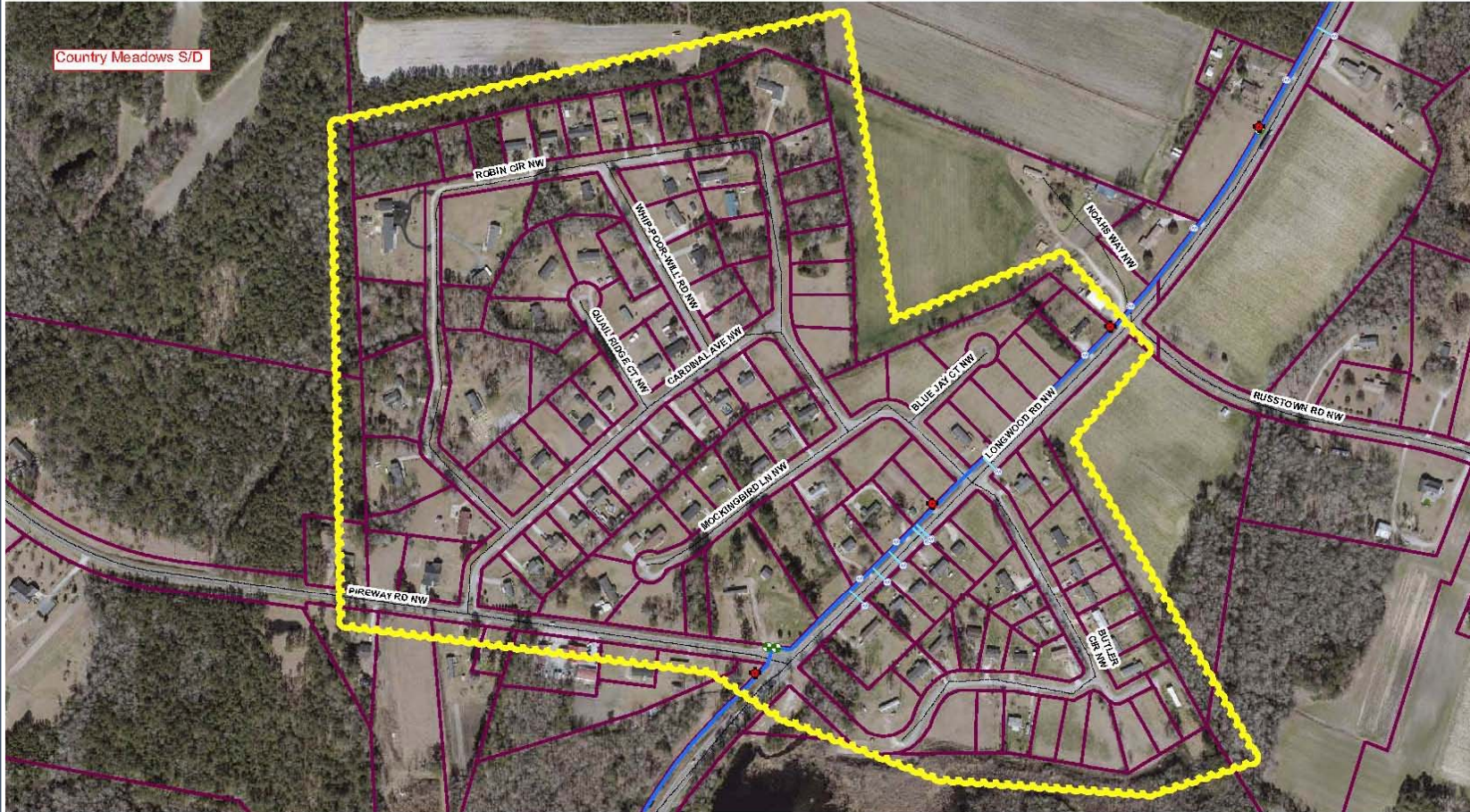
FY16 Top (7) & Apollo Street Project FY18 --- High Meadows Subdv., Old Town Creek Rd., & Taft Rd/Sea Wynd Subdivision



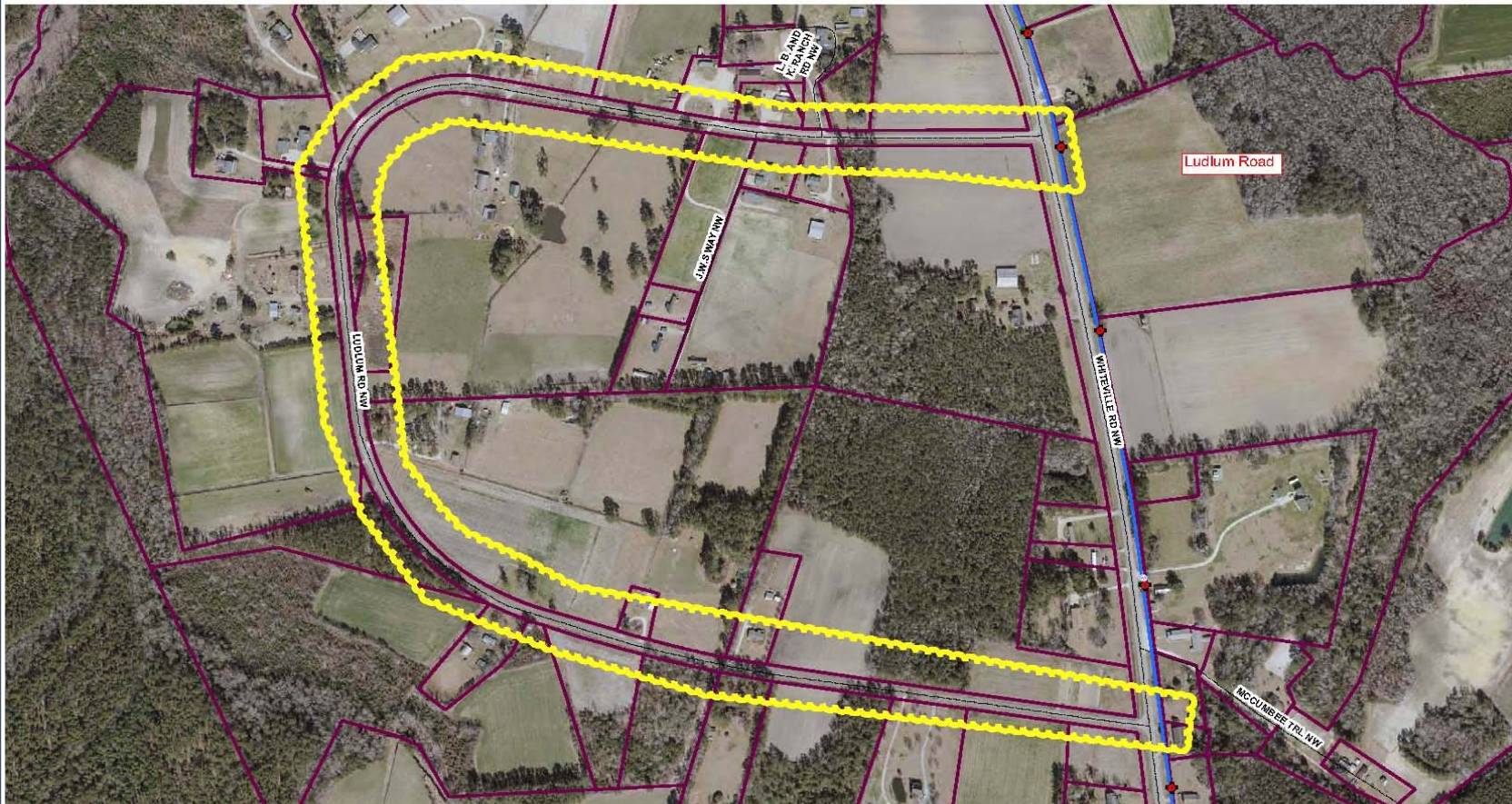
FY16 Top (7) & Apollo Street Project FY18 --- High Meadows Subdv., Old Town Creek Rd., & Taft Rd/Sea Wynd Subdivision



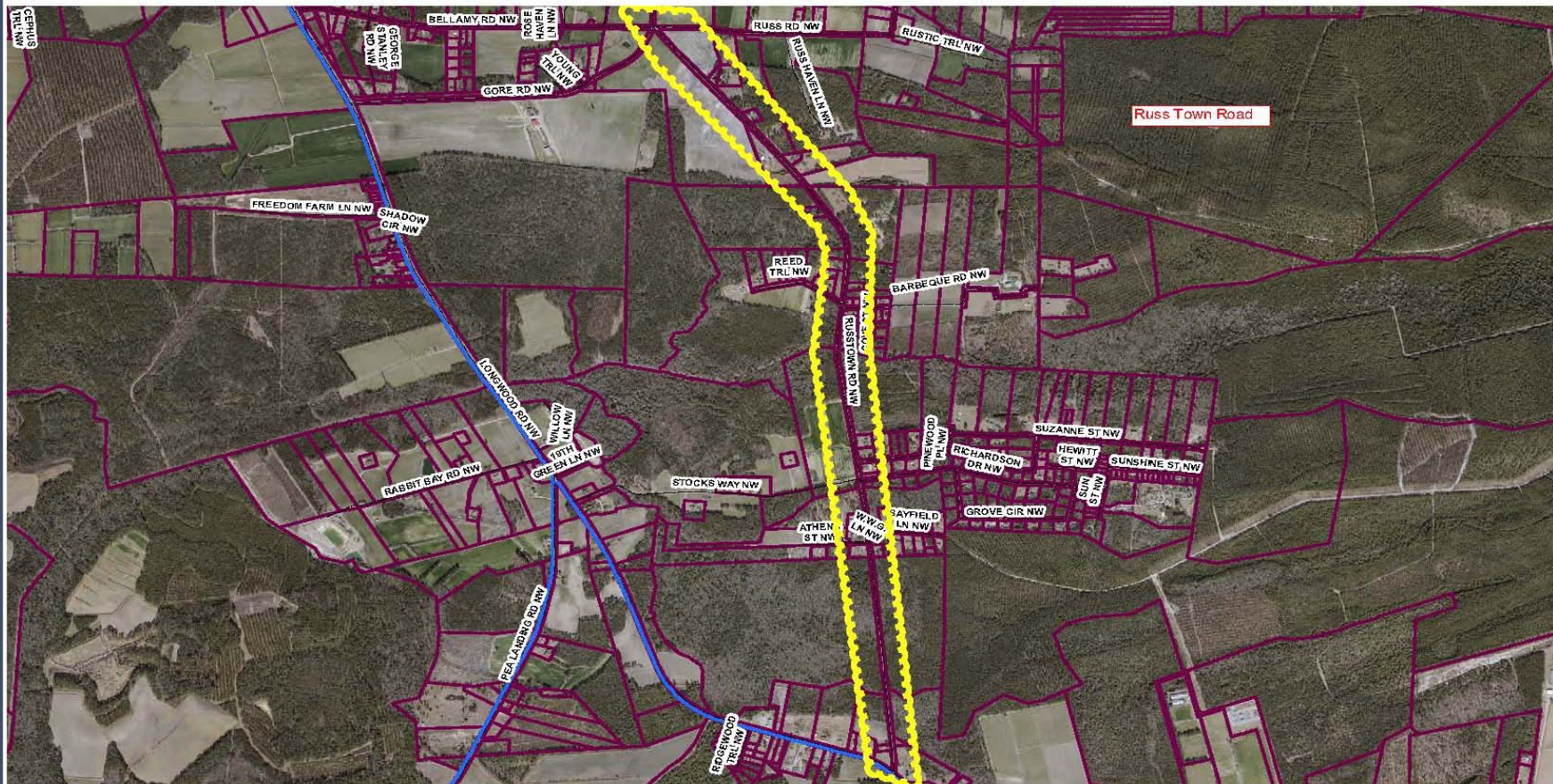
FY19 -- Country Meadows Subdivision, Ludlum Road, and Russ Town Road



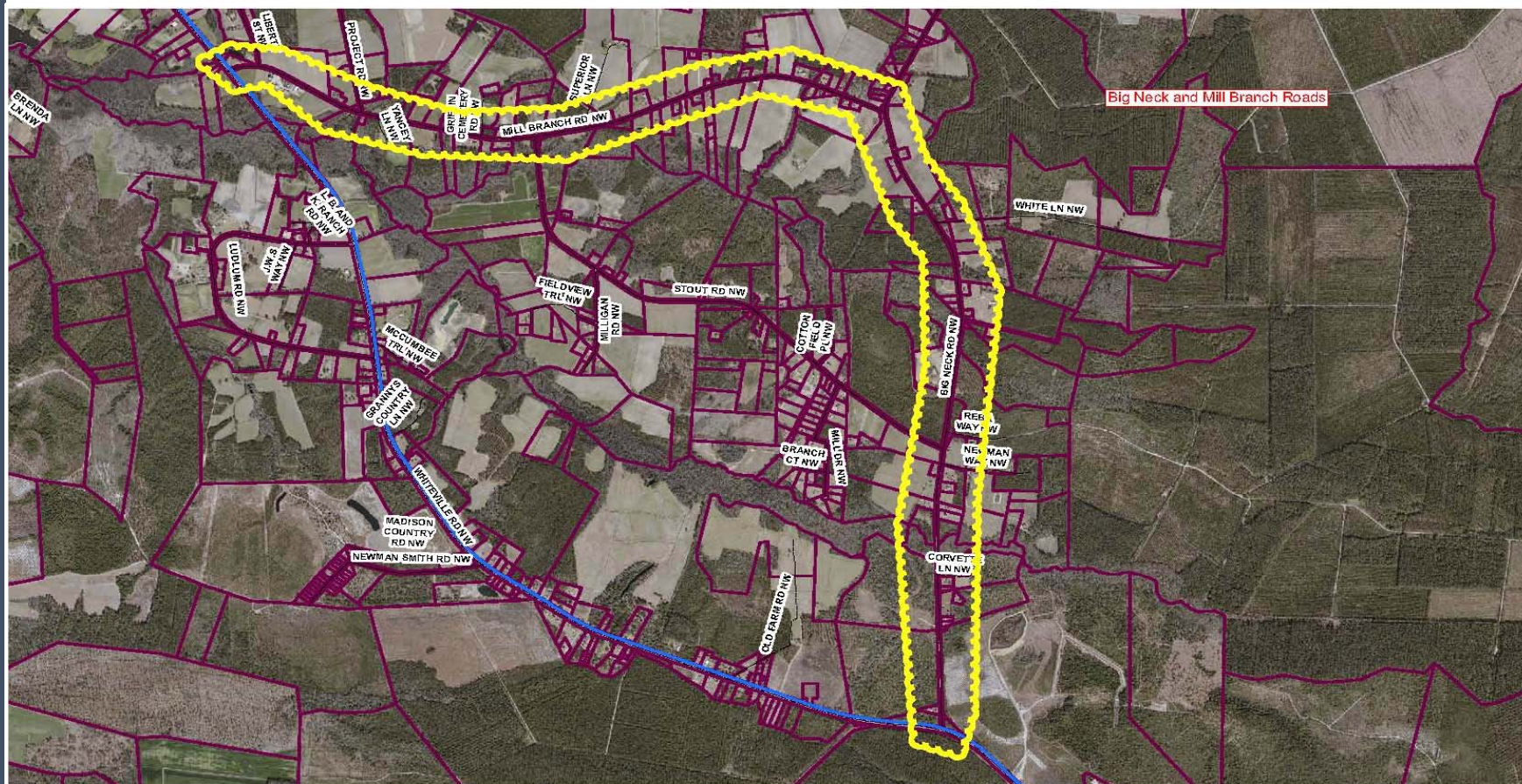
FY16 Top (7) & Apollo Street Project FY19 -- Country Meadows Subdivision, Ludlum Road, and Russ Town Road



FY16 Top (7) & Apollo Street Project FY19 -- Country Meadows Subdivision, Ludlum Road, and Russ Town Road



FY16 Top (7) & Apollo Street Project FY20 – Big Neck / Mill Branch Road



Water Capital Improvement Plan

CIP water distribution projects since 2007 – Summary

Project	Total Cost	Total Parcels	Connected Parcels	% Conn	ROI
Carolina Shores North	\$703,724	470	56	11.91%	14.33%
Shingletree Acres	\$367,065	128	64	50.00%	31.38%
Ocean Forest / Sea Castle	\$385,600	243	100	41.15%	46.68%
Smithtown-Cox Landing/Mulligan Way-Old Ferry-Stanley Rd	\$536,279	99	31	31.31%	10.41%
Randolphville – Mt. Zion Ch Rd	\$646,108	145	49	33.79%	13.65%
Middle River – Smith Roads	\$1,002,176	85	9	10.59%	1.62%
Marlowtown Road	\$87,000	50	12	24.0%	24.83%
FY13 Top (7)	\$969,876	204	44	21.57%	8.17%
FY14 Top (6)	\$1,062,369	144	38	26.39%	6.44%
FY15 Top (6) & Snowfield Area	\$1,267,626	200	51	25.50%	6.93%
FY16 Top (7) & Apollo Street Note: Apollo Street Only	\$197,170	43	11	25.58%	10.04%
	Total:	1,811	465 (25.67%)	Average: 27.43%	15.86%

Water Capital Improvement Plan -DRAFT

John Nichols, Director of Public Utilities

Water Capital Improvement Plan -DRAFT

Current Projects Status - Funding sources are current capital reserve, pay go, and debt proceeds:

1. 211 Plant Improvements – Construction Complete
2. Gilbert Road/Bailey Road Water Mains construction – Under Construction
3. Northwest Water Treatment Plant Expansion & Treatment System Improvements – CDM Smith Study Underway and Final Report Due in April

Water Capital Improvement Plan - DRAFT

FY 19 Projects – Funding sources are current capital reserve, reimbursements, pay go funds, and planned debt issue:

Begin Construction(cost estimates are total project cost):

1. NCDOT Hwy 211 Expansion Water Transmission (design completed FY 18, Bid 2019) - \$9,301,155 Reimbursed by NCDOT
2. Sunset Harbor Road Water Main construction (Bid March 2018) – \$530,000

Projects in design (costs are design estimates):

1. Northwest Water Plant - Treatment - \$5,750,000
2. Northwest Water Plant Expansion 12 MGD - \$850,000
3. Hwy 74/76 Industrial Park Water - \$185,000
4. Hwy 74/76 Industrial Park Mintz Dr. to Old Maco - \$65,000
5. Shallotte Water Transmission - \$640,000
6. Utility Operations Center Expansion - \$80,000

Water Capital Improvement Plan - DRAFT

Projects FY 20 and 21 – Pay go and planned debt issues:

Begin Construction FY 20 (cost estimates are total project cost):

1. Northwest Water Plant - Treatment - \$87,150,000
2. Northwest Water Plant Expansion of 12 MGD - \$22,850,000
3. Hwy 74/76 Industrial Park Water Construction - \$3,285,271
4. Shallotte Water Transmission Main - \$3,840,000
5. Utility Operations Center Expansion Construction - \$480,000
6. 54 Inch LCFWSA Parallel Raw Water Main - \$39,560,00 (design in FY 18)

Begin Construction FY 21

1. Southeast Area Improvements - \$2,100,000 (complete design in FY 20 begin construction in FY 21)

Water Capital Improvement Plan - DRAFT

On The Horizon Projects FY 2023 and beyond:

- Hwy 74/76 Industrial Park Mintz Dr. to Old Maco - \$840,000 (design in FY19)
- Highway 211 County Site Water Main Extension - \$760,000
- System Improvement Mains County Funded - \$650,000 (only if feasible based on ROI)
- Asbestos Cement Pipe Replacement Program - \$950,000
- NC 211 Gilbert & Old Lennon Road Improvements - \$1,500,000
- Transmission Improvements Leland to Bell Swamp - \$5,700,000
- Highway 87 Transmission System Improvements - \$5,090,000

Sewer Capital Improvement Plan -DRAFT

Bill Pinnix, Director of Engineering Services

Sewer Capital Improvement Plan -DRAFT

Current Projects Status - Funding sources are current capital reserve reimbursed by property owner assessments:

1. Carolina Shores SAD (29) – Complete Spring 2018

Sewer Capital Improvement Plan -DRAFT

John Nichols, Director of Public Utilities

Sewer Capital Improvement Plan - DRAFT

Current Projects - Funding sources are current capital reserve, pay go, & reimbursement:

1. 2016 Enterprise Funded Main Extensions– Complete March 2018
2. NCDOT Hwy 211 Relocation – In Design, Bid 2019

Sewer Capital Improvement Plan - DRAFT

FY 19 – 21 Projects – Funding sources are current capital reserves, and reimbursement funds. Planned debt issue:

Projects to begin construction in FY 19:

1. NC 211 R-5021 NCDOT Utility Relocation - \$7,648,351 (costs reimbursed)
2. West Brunswick WWTP Plant and Transmission System Expansion to serve Southport - \$25,760,000 (design in FY 19)

Projects to begin construction in FY 20:

1. Northeast Brunswick Regional WWTP Plant and Transmission System Expansion – \$27,600,000 (design in FY 18 & 19)
2. 74/76 Industrial Park - \$2,121,000 (design in FY 19) – Grant Funded

Projects to begin construction in FY 21:

1. Low Pressure Main Extensions - \$700,000

Sewer Capital Improvement Plan - DRAFT

On The Horizon Projects FY 2023 and beyond:

- Transmission Midway Rd to WBRWWTP - \$12,310,971 with Participant share of \$5,460,800
- Ocean Isle WWTP Effluent Disposal Improvements - \$1,600,000
- Transmission System Upgrades - \$1,200,000
- Angel's Trace Force Main Upgrades - \$675,000
- NC 211 Industrial Park Sewer - \$1,700,000
- Ocean Ridge Reclaimed Water Main - \$1,100,000

Wastewater Main Extension Program

- Began in FY 2016
- One Project Completed to date with two locations - BSL & Seaside
- Connections within 90 days pay \$4000 charge
- Encourages wastewater system growth –
Growth = Rate Stabilization
- Intended for low pressure sewer extensions (low cost)

Summary

Project	In Service	Total Cost	Total Revenue	Total Parcels	Connected Parcels	% Connected	ROI to date	Gravity	Breakeven
Seaside	6/2/2017	\$278,192	\$172,000	69	43	62%	62%	0%	4.5 years
BSL	10/2/2017	\$788,371	\$112,000	83	28	34%	14%	84%	18.9 years

- Good payback period with low pressure extensions
- Payback period is excessive with gravity extensions due to initial capital cost

Questions and Discussion

Closing Remarks

Commissioners



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

Action Item # 2. -

From:
Jeffery P Niebauer

9:15 - Tax Administration - 2019 Revaluation Update - (Jeff Niebauer, Tax Administrator)

Issue/Action Requested:

Request that the Board of Commissioners receive an update on the 2019 Tax Revaluation.

Background/Purpose of Request:

Fiscal Impact:

Reviewed By Director of Fiscal Operations

Approved By County Attorney:

Yes

County Manager's Recommendation:

Recommend that the Board of Commissioners receive an update on the 2019 Tax Revaluation.

ATTACHMENTS:

Description

▣ 2019 Revaluation Update

2019 Property Tax Revaluation

Jeffery Niebauer, Tax Administrator

Revaluation

Currently performed every 4 years in Brunswick County.

North Carolina General Statute 105-283 states, “All property, real and personal, shall as far as practicable be appraised or valued at its true value in money. When used in this Subchapter, the words “true value” shall be interpreted as meaning market value, that is, the price estimated in terms of money at which the property would change hands between a willing and financially able buyer and a willing seller...”. North Carolina General Statute 105-285(d) states, “The value of real property shall be determined as of January 1” of the County revaluation year.

Revaluation

- Last revaluation was January 2015.

North Carolina General Statute 105-287(b) states, “In a year in which a general reappraisal or horizontal adjustment of real property in the county is not made, the assessor may not increase or decrease the appraised value of real property, as determined under North Carolina General Statute 105-286, to recognize a change in value caused by: 1) Normal, physical depreciation of improvements; 2) Inflation, deflation, or other economic changes affecting the county in general ... ” North Carolina General Statute 105-287(c) states, “An increase or decrease in the appraised value of real property authorized by this section shall be made in accordance with the schedules, standards, and rules used in the county’s most recent general reappraisal or horizontal adjustment. An increase or decrease in appraised value made under this section is effective as of January 1 of the year in which it is made and is not retroactive.”

- Next revaluation is January 2019.

Revaluation

- Real property includes all improvements to the land and improvements attached or affixed to the land.

- House and lot
- Condominium / Townhome
- Commercial property
- Industrial property
- Farm tracts
- Forestry tracts



Revaluation

Current County Sales Ratio: 92%

This means on average for the entire County the tax value is 8% lower than properties are currently selling at market price.

However, different market areas maybe higher or lower than the 8%.

Revaluation

Parcel Information as of January 2018:

Parcel Count 147,020

Improved properties 76,755

Commercial Improved 3,313

Residential Improved 73,442

Revaluation

- Ongoing– residential and commercial field data collection.
- Ongoing - Residential and commercial value reviews.
- **Commissioners meeting in August 2018** - Presentation on the proposed 2019 Schedule of Values.
- **1st Commissioners meeting in September 2018** - Public hearing on the 2019 Schedule of Values.
- **2nd Commissioners meeting in September 2018** - Approval of the 2019 Schedule of Values.
- January 1, 2019 – Effective date of county wide reappraisal.
- January 2019 - Mail out '2019 Notice of Values' letters.
- January 2019 to March 2019 - Informal Hearings.
- April 2019 - Board of Equalization and Review Hearings.

Revaluation

TAX OFFICE

2019 REAPPRAISAL FAQ

CHANGE MAILING ADDRESS

COLLECTIONS

FIRE FEES IN BRUNSWICK COUNTY

FORMS AND DOCUMENTS

MOBILE HOME MOVING PERMIT

PAYMENT OF TAXES

PERSONAL PROPERTY

REAL PROPERTY

REQUEST APPEAL

REQUEST BEER AND WINE LICENSE

TAX CERTIFICATIONS

TAX FORECLOSURES

TAX RATES

TAX RELIEF

2019 BRUNSWICK COUNTY REAPPRAISAL FAQ

All the information you could ever hope to know about the 2019 Brunswick County Reappraisal. If you have a question that isn't answered below please call us at [\(910\) 253-2811](tel:(910)253-2811).

WHAT IS A REAPPRAISAL AND WHY HAVE ONE?

Reappraisal is a process in which all real estate values are assessed at their market value as of a specific date. The purpose of a Reappraisal is to provide equalization among all types of properties. North Carolina General Statutes require each county to conduct a Reappraisal at least once every eight years. Brunswick County conducts a Reappraisal every four years. The last Reappraisal was effective January 1, 2015.

WHEN IS THE NEXT REAPPRAISAL IN BRUNSWICK COUNTY?

WHAT IS MARKET VALUE?

WHEN WILL I RECEIVE MY REAPPRAISAL NOTICE OF ASSESSED VALUE?

WHAT IF I HAVE QUESTIONS ABOUT MY NEW VALUE?

WHAT IF I DISAGREE WITH MY NEW 2019 VALUE?

WHAT ARE VALID REASONS TO APPEAL MY VALUE?

WHAT ARE INVALID REASONS TO APPEAL MY VALUE?



GENERAL INFORMATION AND QUESTIONS

30 GOVERNMENT CENTER DRIVE
DAVID R. SANDIFER BUILDING
FIRST FLOOR

☎ (910) 253-2829

☎ (800) 527-9001

✉ TAXADMIN@BRUNSWICKCO.UNC.GOV

🕒 OPEN MON-FRI:
8:30 A.M. – 5:00 P.M.

REAL PROPERTY APPRAISAL

30 GOVERNMENT CENTER DRIVE
DAVID R. SANDIFER BUILDING
FIRST FLOOR

☎ (910) 253-2811

✉ TAXADMIN@BRUNSWICKCO.UNC.GOV

🕒 OPEN MON-FRI:

Revaluation

Questions and/or Comments?



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

From:
Ann Hardy

Action Item # 2. -
9:30 - Administration - Midyear Financial Update (Ann Hardy,
County Manager)

Issue/Action Requested:
Request that the Board of Commissioners receive a Midyear Financial Update.

Background/Purpose of Request:

Fiscal Impact:
Reviewed By Director of Fiscal Operations

Approved By County Attorney:

ATTACHMENTS:

Description

- ☐ Mid Year Financial Update - workshop 2-19-18.pptx
- ☐ Information Packet Workshop 2-19-2018.pdf

MIDYEAR FINANCIAL UPDATE

Summary Information for General Fund as of January 31, 2018

Revenues:

Total revenues are \$146.0 million for a 2.8% or \$3.9 million increase over the prior year. As compared to the prior year, collections are up for Ad valorem Taxes \$4.5 million or 4.1% and Local Options Sales Tax \$0.9 million or 8.4%. Total revenues collected are 80.4% of the current budget. Preliminary projected total revenues at June 30, 2018 are \$189.6 million.

	Audited June 30, 2017	Current Budget	January, 2018	Prior Year January, 2017	Projections June 30, 2018
Revenues:					
Ad valorem taxes	\$ 119,820,026	\$ 117,785,618	\$ 113,973,649	\$ 109,432,673	\$ 123,864,057
Local option sales taxes	22,464,392	22,948,324	11,139,383	10,271,790	24,032,523
Other taxes and licenses	5,087,399	4,448,000	3,273,829	2,838,041	5,108,000
Unrestricted intergovernmental revenues	3,498,931	1,813,000	109,626	227,826	3,441,500
Restricted intergovernmental revenues	21,014,352	19,293,241	8,343,578	10,356,980	16,316,367
Permits and fees	4,093,338	3,783,772	2,631,353	2,299,304	4,439,806
Sales and services	10,723,116	10,022,889	5,710,770	5,826,644	10,735,322
Investment earnings	181,510	100,000	208,860	65,257	300,000
Other	2,100,400	1,355,768	598,332	751,327	1,323,577
Total revenues	188,983,464	181,550,612	145,989,380	142,069,842	189,561,152

Summary Information for General Fund as of January 31, 2018

Expenditures:

Total Expenditures are \$97.9 million and are 53.2% of the current budget. Expenditures are up \$5.0 million or 5.4% in comparison to the same period in the prior year. Preliminary projected total expenditures at June 30, 2018 are \$176.7 million.

	Audited June 30, 2017	Current Budget	January, 2018	Prior Year January, 2017	Projections June 30, 2018
Expenditures:					
Salaries	43,635,524	46,597,561	26,064,758	25,297,492	45,614,720
Fringe benefits	20,282,376	21,786,208	12,259,095	11,552,450	21,128,447
Operating costs	89,455,276	97,260,810	51,319,466	50,970,616	91,569,597
Capital outlay	3,162,427	4,443,262	2,663,173	1,693,762	4,443,262
Debt Service	14,319,355	13,992,449	5,625,867	3,425,903	13,953,649
Total expenditures	<u>170,854,958</u>	<u>184,080,290</u>	<u>97,932,359</u>	<u>92,940,223</u>	<u>176,709,675</u>

Summary Information for General Fund as of January 31, 2018

Other Financing Sources (Uses):

- Net transfers to other funds are \$1.7 million: Ocean Isle Beach Park \$750k, Park Grant Match \$68.5k, Courthouse Design \$774.3k and BCC Reserves for Allied Health Building \$138.6k.
- Revenues and net transfers are greater than expenditures by \$46.8 million as compared to \$41.2 million in the prior year. Current fund balance projections indicate an increase of \$5.4 million to \$79.0 million mainly due to the decrease in transfers for capital projects. Preliminary estimated fund Balance as a % of actual expenditures and net transfers is 34.7%.

	Audited June 30, 2017	Current Budget	January, 2018	Prior Year January, 2017	Projections June 30, 2018
Revenues over (under) expenditures	<u>18,128,506</u>	<u>(2,529,678)</u>	<u>48,057,021</u>	<u>49,129,619</u>	<u>12,851,477</u>
Other Financing Sources (Uses):					
Issuance of long term debt	-	505,057	505,057	-	505,057
Transfers from other funds	-	10,510	-	-	10,510
Transfers to other funds	(16,883,690)	(5,572,695)	(1,741,030)	(7,940,579)	(7,932,830)
Appropriated fund balance	<u>-</u>	<u>7,586,806</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total other financing sources (uses)	<u>(16,883,690)</u>	<u>2,529,678</u>	<u>(1,235,973)</u>	<u>(7,940,579)</u>	<u>(7,417,263)</u>
 Net change in fund balances	 1,244,816	 <u>\$ -</u>	 <u>\$ 46,821,048</u>	 <u>\$ 41,189,040</u>	 5,434,214
 Fund balance, beginning of year	 <u>72,364,872</u>				 <u>73,609,688</u>
Fund balance, end of year	<u>\$ 73,609,688</u>				<u>\$ 79,043,902</u>

Sales Tax Analysis

	2018 Year to Date	2017 Year to Date	2017-2018 Year to Date Increase	FY 2018 Estimate & % Increase Over FY 2017
Article 39 (1%)	\$4,950,635	\$4,551,262	\$399,373 or 8.8%	\$9,980,329 or 7.3%
Article 40 (1/2%)	3,001,086	2,786,037	215,049 or 7.7%	7,230,651 or 6.5%
Article 42 (1/2%)	3,188,267	2,932,434	255,833 or 8.7%	6,822,148 or 7.1%

Note: Very preliminary projections for FY 18 based on 5 months sales tax received. Total projected FY 18 sales tax projection is \$24.0m and of the total, the School's portion of Article 40 and 42 is \$5.8m.

Preliminary 2018 Value Estimates

BRUNSWICK COUNTY	FY 2018		FY 2019	
	<u>2017 VALUE ESTIMATE</u>		<u>2018 VALUE ESTIMATE</u>	
Date of Estimate			1/23/2018	
Gross Real Property	\$	23,284,824,478	\$	23,989,432,855
Exempt Property		1,310,624,270		1,310,624,270
Taxable Real Property		21,974,200,208		22,678,808,585
Land Use Deferred		495,000,000		495,026,526
Net Taxable After PUV		21,479,200,208		22,183,782,059
Working Waterfront Deferred		2,650,000		2,650,000
Elderly Exemptions (Personal)		85,000,000		84,500,000
Elderly Exemptions (Real)		550,000		550,000
Veteran Exemptions (Personal)		123,000		64,000
Veteran Exemptions (Real)		106,151,630		27,800,000
Beach Club HOA Property		4,292,798		4,300,000
DENR Pollution Abatement		76,890		76,890
Low Income Housing Deferred		34,392,490		34,400,000
Builder Exemptions		46,900,000		45,000,000
Net Taxable Real Property		21,199,063,400		21,984,441,169
Individual & Business Personal		515,000,000		515,000,000
Net Taxable Real/Personal Property		21,714,063,400		22,499,441,169
Public Utilities		1,500,500,000		1,650,000,000
Total Property Value		23,214,563,400		24,149,441,169
Estimated Reductions - PTC		30,000,000		8,000,000
Estimated Reductions - Board of E & R		12,000,000		5,000,000
Net Forecast Property Excluding MV & Boats		23,172,563,400		24,136,441,169
Motor Vehicle Value		1,250,000,000		1,350,000,000
Estimated Total Tax Base	\$	24,422,563,400	\$	25,486,441,169

Note: Estimated Total Tax base is a 4.4% increase over 2017 values

Preliminary 2018 Levy Estimates and School Funding

	FY 18 Approved (1/2017 Levy) at FY 18 tax rate	FY 19 projection (1/2018 Levy) at FY 18 tax rate	Estimated Change From FY 18 BUDGET
Tax Rate Estimate	0.4850	0.4850	
Real Property Value Estimate	\$23,172,563,400	\$24,136,441,169	\$ 963,877,769
Motor Vehicle Value Estimate	1,250,000,000	1,350,000,000	100,000,000
Total Valuation Estimate	\$24,422,563,400	\$25,486,441,169	\$ 1,063,877,769
Motor Vehicle Value Estimate	\$ 1,250,000,000	\$ 1,350,000,000	\$ 100,000,000
Collection Percentage for Motor Vehicles	100.00%	100.00%	
Tax Generated From Motor Vehicles	\$ 6,062,500	\$ 6,547,500	\$ 485,000
Real Property Value Estimate	\$23,172,563,400	\$24,136,441,169	\$ 963,877,769
Collection Percentage for Real Property	96.74%	97.57%	
Tax Generated From Real Property	\$ 108,723,118	\$ 114,217,139	\$ 5,494,021
Total Tax Generated From Property	\$ 114,785,618	\$ 120,764,639	\$ 5,979,021
Value of 1 cent	\$ 2,366,714	\$ 2,489,993	\$ 123,279
General Government Debt Service (Excluding School Debt Funded By Sales Tax or Lottery)	\$ 10,452,766	\$ 11,117,191	\$ 664,425
Ad Valorem Revenue After Debt	\$ 104,332,852	\$ 109,647,448	\$ 5,314,596
Schools (Under Funding Agreement)	\$ 38,081,491	\$ 40,021,319	\$ 1,939,828
County Funds After School & Debt Budget	\$ 66,251,361	\$ 69,626,130	\$ 3,374,768

Note: Preliminary Increase from prior Year are increasing values and an increasing collection rate. County and School revenue is an estimated 5.1% increase.

General Fund Current Operating Budget

Major items below total 90.3% of the general fund operating budget (excludes Health & Human Services and Capital Outlay):

- Employee Salary including all overtime and benefits \$52.0m
- Brunswick County Schools (including transfer for excess ad valorem and sales tax) \$41.9m
- Debt Service \$14.0m
- Waste Disposal Services including Construction & Demolition contract hauling \$13.8m
- Motor Fuels, Utilities, Repair & Maintenance items \$4.7m
- Brunswick Community College \$4.2m
- Brunswick Senior Resources \$2.1m
- Inmate medical and meals \$1.7m
- Occupancy Tax \$1.4m
- Computer Software \$1.4m
- Register of Deed Required Excise Tax Payments Required by NC \$1.4m
- Property & General Liability \$1.1m
- Fire Departments Supplemental Funding \$0.6m

Summary Information for Enterprise Fund as of January 31, 2018

Water Fund:

- Total water fund revenues increased 9.6% or \$1.4 million over the same time last year to \$15.7 million. Wholesale water sales increased 13.0% or \$0.4 million and industrial water sales increased 27.6% or \$0.3 million mainly due to growth and an increase in the PPI rate. From one year ago, retail customers increased 1,420 for a total of 40,758 customers. Preliminary total projected revenues are \$24.4 million at June 30, 2018.
- Total expenditures in the water fund increased \$0.1 million or 1.4% compared to the same time last year. Year to date expenditures are 51.6% of the current budget. Preliminary total projected expenditures are \$19.2 million at June 30, 2018.
- Net Transfers to water capital projects are \$0.6 million compared \$4.9 million in the prior year.
- Revenues are \$4.6 million more than expenditures and net transfers as compared to less than by \$0.8 million due to less pay go capital funding in the current year. Preliminary projected revenues over expenditures and net transfers are \$4.5 million at June 30, 2018.

Water Fund:	Audited June 30, 2017	Current Budget	January 31, 2018	Prior Year January 31, 2017	Projections June 30, 2018
Revenues:					
User charges	\$ 22,676,369	\$ 21,388,600	\$ 15,164,300	\$ 13,919,271	\$ 23,682,548
Restricted intergovernmental	52,684	216,000	216,000	-	216,000
ARRA interest subsidy	-	-	-	-	-
Investment earnings	48,375	30,000	70,451	20,072	100,000
Other	903,742	475,669	200,089	336,750	394,026
Total revenues	<u>23,681,170</u>	<u>22,110,269</u>	<u>15,650,840</u>	<u>14,276,093</u>	<u>24,392,574</u>
Expenditures:					
Salaries	4,377,828	4,673,778	2,585,195	2,591,602	4,481,005
Fringe benefits	1,839,538	2,049,202	1,138,620	1,052,130	1,973,608
Operating costs	6,507,737	7,242,951	3,957,570	3,839,004	6,739,114
Repairs and maintenance	1,514,528	1,817,860	1,023,289	1,078,424	1,726,967
Capital outlay	1,542,206	2,049,826	809,249	794,813	2,049,826
Debt Service:					
Principal	1,146,444	1,179,150	253,670	245,462	1,179,150
Interest	1,106,861	1,072,793	599,471	620,517	1,072,793
Total expenditures	<u>18,035,142</u>	<u>20,085,560</u>	<u>10,367,064</u>	<u>10,221,952</u>	<u>19,222,463</u>
Revenues over (under) expenditures	<u>5,646,028</u>	<u>2,024,709</u>	<u>5,283,776</u>	<u>4,054,141</u>	<u>5,170,111</u>
Other Financing Sources (Uses):					
Transfer to Water Capital Project	(5,715,725)	(2,542,507)	(635,000)	(4,865,725)	(635,000)
Budgetary Financing Sources (Uses):					
Appropriated fund balance	-	517,798	-	-	-
Total other financing sources (uses)	<u>(5,715,725)</u>	<u>(2,024,709)</u>	<u>(635,000)</u>	<u>(4,865,725)</u>	<u>(635,000)</u>
Revenues and other financing sources over (under) expenditures and other financing uses	<u>\$ (69,697)</u>	<u>\$ -</u>	<u>\$ 4,648,776</u>	<u>\$ (811,584)</u>	<u>\$ 4,535,111</u>

Sewer Fund:

- Total revenues for the Sewer Fund increased 13.4% over the same time last year to \$14.0 million. Retail sewer sales increased \$0.3 million or 4.6% in comparison with the prior year. Capital recovery and Transmission fees increased \$0.9 million over the same time last year. Total revenues are 62.3% of the current budget for the fiscal year. Preliminary total projected revenues are \$26.1 million at June 30, 2018.
- Total expenditures for the Sewer Fund have increased \$0.3 million or 3.0% over the same period in the prior year. Total expenditures are 30.9% of the budget for the fiscal year. Preliminary total projected expenditures are \$27.2 million at June 30, 2018.
- There are \$0.8 million net transfers from sewer capital projects due to the transfer in from the participant capital and replacement fund in the current year compared to net transfers out of \$0.5 million in the same period of the prior year.
- Revenues are greater than expenditures and net transfers by \$6.1 million as compared to \$3.4 million in the prior year. Preliminary projections indicate Revenues are less than expenditures and net transfers by \$0.3 million at June 30, 2018.
- Retail sewer customers billed in January 17,026 up 956 customer from one year ago.

Sewer Fund:	Audited June 30, 2017	Current Budget	January 31, 2018	Prior Year January 31, 2017	Projections June 30, 2018
Revenues:					
User charges	\$ 24,430,143	\$ 22,207,828	\$ 13,710,518	\$ 12,089,002	\$ 25,829,462
Restricted intergovernmental	117,264	-	-	-	-
ARRA interest subsidy	146,215	119,378	59,946	73,147	59,946
Special Assessments	498,079	20,000	65,007	101,950	65,007
Investment earnings	41,918	25,000	58,727	18,282	75,000
Other	104,268	21,900	62,144	21,808	72,294
Total revenues	<u>25,337,887</u>	<u>22,394,106</u>	<u>13,956,342</u>	<u>12,304,189</u>	<u>26,101,709</u>
Expenditures:					
Salaries	2,394,170	2,583,419	1,431,008	1,372,517	2,480,414
Fringe benefits	978,834	1,108,072	578,873	553,642	1,003,380
Operating costs	3,902,121	4,683,108	2,261,813	1,816,911	4,448,953
Repairs and maintenance	1,960,702	1,825,104	963,271	973,338	1,295,221
Capital outlay	1,792,245	4,071,805	622,060	751,619	4,071,805
Debt Service:					
Principal	9,564,223	9,840,550	810,934	792,107	9,840,550
Interest	<u>4,348,595</u>	<u>4,045,972</u>	<u>2,034,745</u>	<u>2,188,574</u>	<u>4,045,972</u>
Total expenditures	<u>24,940,890</u>	<u>28,158,030</u>	<u>8,702,704</u>	<u>8,448,708</u>	<u>27,186,294</u>
Revenues over (under) expenditures	<u>396,997</u>	<u>(5,763,924)</u>	<u>5,253,638</u>	<u>3,855,481</u>	<u>(1,084,585)</u>
Other Financing Sources (Uses):					
Transfer to Wastewater Capital Project	(1,104,946)	(634,012)	(634,012)	(1,104,946)	(634,012)
Transfer from Wastewater Capital Project	922,405	1,445,452	1,445,452	622,350	1,445,452
Budgetary Financing Sources (Uses):					
Appropriated fund balance	-	4,952,484	-	-	-
Total other financing sources (uses)	<u>(182,541)</u>	<u>5,763,924</u>	<u>811,440</u>	<u>(482,596)</u>	<u>811,440</u>
Revenues and other financing sources over (under) expenditures and other financing uses	<u>\$ 214,456</u>	<u>\$ -</u>	<u>\$ 6,065,078</u>	<u>\$ 3,372,885</u>	<u>\$ (273,145)</u>

Questions and Discussion

Brunswick County
Commissioners' Goals Workshop Agenda February 19, 2018
Information Packet

- Page 1: Preliminary FY 19 Ad Valorem and 1/2018 Levy Estimates
- Page 2: Preliminary 2018 Tax Value Estimates
- Page 3-4: FY 19 County 5 Year CIP Draft
- Page 5: FY 19 Courthouse - Planned Debt Issue February 2019
- Page 6: FY 19 School GO Debt Issue and Property Tax Impact
- Page 7: FY 19 Water 5 Year CIP Draft
- Page 8: FY 19 Sewer 5 Year CIP Draft

	FY 18 Approved (1/2017 Levy) at FY 18 tax rate	FY 19 projection (1/2018 Levy) at FY 18 tax rate	Estimated Change From FY 18 BUDGET
Tax Rate Estimate	0.4850	0.4850	
Real Property Value Estimate	\$ 23,172,563,400	\$ 24,136,441,169	\$ 963,877,769
Motor Vehicle Value Estimate	1,250,000,000	1,350,000,000	100,000,000
Total Valuation Estimate	\$ 24,422,563,400	\$ 25,486,441,169	\$ 1,063,877,769
Motor Vehicle Value Estimate	\$ 1,250,000,000	\$ 1,350,000,000	\$ 100,000,000
Collection Percentage for Motor Vehicles	100.00%	100.00%	
Tax Generated From Motor Vehicles	\$ 6,062,500	\$ 6,547,500	\$ 485,000
Real Property Value Estimate	\$ 23,172,563,400	\$ 24,136,441,169	\$ 963,877,769
Collection Percentage for Real Property	96.74%	97.57%	
Tax Generated From Real Property	\$ 108,723,118	\$ 114,217,139	\$ 5,494,021
Total Tax Generated From Property	\$ 114,785,618	\$ 120,764,639	\$ 5,979,021
Value of 1 cent	\$ 2,366,714	\$ 2,489,993	\$ 123,279
General Government Debt Service (Excluding School Debt Funded By Sales Tax or Lottery)	\$ 10,452,766	\$ 11,117,191	\$ 664,425
Ad Valorem Revenue After Debt	\$ 104,332,852	\$ 109,647,448	\$ 5,314,596
Schools (Under Funding Agreement)	\$ 38,081,491	\$ 40,021,319	\$ 1,939,828
County Funds After School & Debt Budget	\$ 66,251,361	\$ 69,626,130	\$ 3,374,768

Preliminary 2018 Value Estimates		
	FY 2018	FY 2019
BRUNSWICK COUNTY	<u>2017 VALUE ESTIMATE</u>	<u>2018 VALUE ESTIMATE</u>
Date of Estimate		1/23/2018
Gross Real Property	\$ 23,284,824,478	\$ 23,989,432,855
Exempt Property	1,310,624,270	1,310,624,270
Taxable Real Property	21,974,200,208	22,678,808,585
Land Use Deferred	495,000,000	495,026,526
Net Taxable After PUV	21,479,200,208	22,183,782,059
Working Waterfront Deferred	2,650,000	2,650,000
Elderly Exemptions (Personal)	85,000,000	84,500,000
Elderly Exemptions (Real)	550,000	550,000
Veteran Exemptions (Personal)	123,000	64,000
Veteran Exemptions (Real)	106,151,630	27,800,000
Beach Club HOA Property	4,292,798	4,300,000
DENR Pollution Abatement	76,890	76,890
Low Income Housing Deferred	34,392,490	34,400,000
Builder Exemptions	46,900,000	45,000,000
Net Taxable Real Property	21,199,063,400	21,984,441,169
Individual & Business Personal	515,000,000	515,000,000
Net Taxable Real/Personal Property	21,714,063,400	22,499,441,169
Public Utilities	1,500,500,000	1,650,000,000
Total Property Value	23,214,563,400	24,149,441,169
Estimated Reductions - PTC	30,000,000	8,000,000
Estimated Reductions - Board of E & R	12,000,000	5,000,000
Net Forecast Property Excluding MV & Boats	23,172,563,400	24,136,441,169
Motor Vehicle Value	1,250,000,000	1,350,000,000
Estimated Total Tax Base	\$ 24,422,563,400	\$ 25,486,441,169
Note: Estimated total tax base is a 4.4% increase over 2017 values		

BRUNSWICK COUNTY
CAPITAL IMPROVEMENT PLAN
Draft - Workshop 2-19-2018

	Prior 2019	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Totals	On the Horizon
<u>County Capital Improvement Plan-Projects</u>								
<u>Environmental Protection</u>								
Transfer Station	\$ -	\$ 731,651	\$ 4,711,225	\$ -	\$ -	\$ -	\$ 5,442,876	\$ -
C&D Landfill Closure	-	-	-	-	650,000	9,284,355	9,934,355	-
Total Environmental Protection	-	731,651	4,711,225	-	650,000	9,284,355	15,377,231	-
<u>Culture & Recreation</u>								
Brunswick Center at Calabash	2,415,000	-	-	-	-	-	2,415,000	-
Ocean Isle Beach Park	5,850,000	-	-	-	-	-	5,850,000	-
Smithville Park	5,929,666	-	-	-	-	-	5,929,666	5,000,000
Brunswick County Waterway Park	4,025,583	479,500	350,000	-	-	-	4,855,083	-
Lockwood Folly Park Renovation	-	-	-	-	-	-	-	3,500,000
Leland Park Renovations	-	-	-	-	-	-	-	1,200,000
Cedar Grove Park Phase 2	-	-	-	-	-	-	-	5,120,000
Shallotte Park (potential relocation)	-	-	-	-	-	-	-	6,200,000
Northwest District Park	-	-	-	-	-	-	-	10,425,000
Hwy 211 Coastal Events Center	-	-	-	-	-	-	-	1,000,000
Total Culture & Recreation	18,220,249	479,500	350,000	-	-	-	19,049,749	32,445,000
<u>Public Safety</u>								
Fire Services Training Center	-	-	-	-	3,200,000	-	3,200,000	-
Detention Center Phase 3	-	-	-	-	-	-	-	8,250,000
Total Public Safety	-	-	-	-	3,200,000	-	3,200,000	8,250,000
<u>General Government</u>								
Courthouse Renovations	774,250	10,225,750	-	-	-	-	11,000,000	-
Complex Buildings & Renovations	-	-	75,000	-	-	-	75,000	16,500,000
Total General Government	774,250	10,225,750	75,000	-	-	-	11,075,000	16,500,000

BRUNSWICK COUNTY
CAPITAL IMPROVEMENT PLAN
Draft - Workshop 2-19-2018

	Prior 2019	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Totals	On the Horizon
<u>County Capital Improvement Plan-Projects</u>								
<u>Economic Development</u>								
Springlake at Maritime Shores Subdivision Completion	274,585	-	-	-	-	-	274,585	-
Total Economic Development	274,585	-	-	-	-	-	274,585	-
Total County Capital Improvement Plan	19,269,084	11,436,901	5,136,225	-	3,850,000	9,284,355	48,976,565	57,195,000
<u>County Capital Improvement Plan-Sources</u>								
Capital Reserve	\$ 14,373,999	\$ 35,167	\$ -	\$ -	\$ 650,000	\$ 8,117,000	\$ 23,176,166	\$ -
Debt Proceeds	-	10,225,750	-	-	-	-	10,225,750	-
Grant	1,100,500	411,000	300,000	-	-	-	1,811,500	-
Other	294,585	-	-	-	-	-	294,585	-
To be Determined	-	-	-	-	-	-	-	57,195,000
Pay-Go	3,500,000	764,984	4,836,225	-	3,200,000	1,167,355	13,468,564	-
Total County Capital Improvement Plan Sources	\$ 19,269,084	\$ 11,436,901	\$ 5,136,225	\$ -	\$ 3,850,000	\$ 9,284,355	\$ 48,976,565	\$ 57,195,000
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Repair & Maintenance Items - Operating Budget		2,461,000						
Total Pay Go Need		3,225,984						

Note:

Pay-Go amounts are subject to audited results released October 31st

Courthouse Project Estimate -\$11,000,000

Assume Bond Issue - February 2019

20 year Limited Obligation Bond

<u>Fiscal Year</u>	<u>Principal</u>	<u>Interest</u>	<u>Annual DS</u>
2020	\$ -	\$ 514,549	\$ 514,549
2021	510,000	446,050	956,050
2022	510,000	425,650	935,650
2023	510,000	402,700	912,700
2024	510,000	377,200	887,200
2025	510,000	351,700	861,700
2026	510,000	326,200	836,200
2027	510,000	300,700	810,700
2028	510,000	275,200	785,200
2029	510,000	249,700	759,700
2030	510,000	224,200	734,200
2031	510,000	198,700	708,700
2032	510,000	173,200	683,200
2033	510,000	147,700	657,700
2034	510,000	124,750	634,750
2035	505,000	109,350	614,350
2036	510,000	79,050	589,050
2037	510,000	63,750	573,750
2038	510,000	44,625	554,625
2039	510,000	26,775	536,775
2040	510,000	8,925	518,925
	<u>\$ 10,195,000</u>	<u>\$ 4,870,674</u>	<u>\$ 15,065,674</u>

NOTE: Current Courthouse debt - final payment \$900k in FY 2020

School \$152,000,000 General Obligation Bond Issue

Fiscal Year	Total Taxable Assed Value	Growth Rate (%)	Dedicated Property Tax (Cents)	Value of Dedicated Tax	Collections (%)	Projected Collected Value	Phase I FY19 (\$52.95M)	Phase II FY21 (\$47.55M)	Phase III FY23 (\$51.50M)	Total Estimated Debt Service
2012	33,608,475,000	0.00		-	99.00	-	-	-	-	-
2013	24,528,578,000	(27.02)		-	98.70	-	-	-	-	-
2014	25,259,045,000	2.98		-	97.90	-	-	-	-	-
2015	25,326,216,000	0.27		-	95.80	-	-	-	-	-
2016	23,458,514,000	(7.37)		-	96.90	-	-	-	-	-
2017	23,693,099,140	1.00	-	-	97.71	-	-	-	-	-
2018	23,930,030,131	1.00	-	-	97.71	-	-	-	-	-
2019	24,169,330,433	1.00	0.46	1,123,655	97.71	1,097,924	1,097,924	-	-	1,097,924
2020	24,411,023,737	1.00	1.91	4,666,232	97.71	4,559,375	4,559,375	-	-	4,559,375
2021	24,655,133,974	1.00	2.33	5,755,680	97.71	5,623,875	4,435,125	1,188,750	-	5,623,875
2022	24,901,685,314	1.00	3.70	9,220,013	97.71	9,008,875	4,310,875	4,698,000	-	9,008,875
2023	25,150,702,167	1.00	4.09	10,288,737	97.71	10,053,125	4,186,625	4,579,000	1,287,500	10,053,125
2024	25,402,209,189	1.00	5.48	13,926,927	97.71	13,608,000	4,062,375	4,460,000	5,085,625	13,608,000
2025	25,656,231,281	1.00	5.28	13,546,208	97.71	13,236,000	3,938,125	4,341,000	4,956,875	13,236,000
2026	25,912,793,594	1.00	5.08	13,165,490	97.71	12,864,000	3,813,875	4,222,000	4,828,125	12,864,000
2027	26,171,921,530	1.00	4.88	12,784,771	97.71	12,492,000	3,689,625	4,103,000	4,699,375	12,492,000
2028	26,433,640,745	1.00	4.69	12,404,053	97.71	12,120,000	3,565,375	3,984,000	4,570,625	12,120,000
2029	26,697,977,152	1.00	4.50	12,023,334	97.71	11,748,000	3,441,125	3,865,000	4,441,875	11,748,000
2030	26,964,956,924	1.00	4.33	11,664,869	97.71	11,397,744	3,338,619	3,746,000	4,313,125	11,397,744
2031	27,234,606,493	1.00	4.16	11,328,658	97.71	11,069,231	3,257,856	3,627,000	4,184,375	11,069,231
2032	27,506,952,558	1.00	3.99	10,984,277	97.71	10,732,738	3,173,988	3,503,125	4,055,625	10,732,738
2033	27,782,022,084	1.00	3.83	10,641,963	97.71	10,398,263	3,087,013	3,384,375	3,926,875	10,398,263
2034	28,059,842,304	1.00	3.67	10,299,649	97.71	10,063,788	3,000,038	3,265,625	3,798,125	10,063,788
2035	28,340,440,728	1.00	3.51	9,957,335	97.71	9,729,313	2,913,063	3,146,875	3,669,375	9,729,313
2036	28,623,845,135	1.00	3.36	9,615,021	97.71	9,394,838	2,826,088	3,028,125	3,540,625	9,394,838
2037	28,910,083,586	1.00	3.20	9,261,335	97.71	9,049,250	2,728,000	2,909,375	3,411,875	9,049,250
2038	29,199,184,422	1.00	3.05	8,906,509	97.71	8,702,550	2,628,800	2,790,625	3,283,125	8,702,550
2039	29,491,176,266	1.00	2.90	8,551,684	97.71	8,355,850	2,529,600	2,671,875	3,154,375	8,355,850
2040	29,786,088,029	1.00	1.92	5,709,497	97.71	5,578,750	-	2,553,125	3,025,625	5,578,750
2041	29,491,176,266	1.00	1.85	5,456,197	97.71	5,331,250	-	2,434,375	2,896,875	5,331,250
2042	29,786,088,029	1.00	0.95	2,833,001	97.71	2,768,125	-	-	2,768,125	2,768,125
2043	30,083,948,909	1.00	0.90	2,701,233	97.71	2,639,375	-	-	2,639,375	2,639,375

70,583,486 72,501,250 75,898,125 218,982,861

Current GO

Fiscal Year	Debt Service
2017-18	5,664,155
2018-19	5,418,365
2019-20	5,181,125
2020-21	4,579,250
2021-22	983,750
2022-23	768,350 final payment

BRUNSWICK COUNTY
CAPITAL IMPROVEMENT PLAN

Draft - Workshop 2-19-2018

	Prior to FY 2019	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Totals	On the Horizon
Water Capital Improvement Plan-Projects								
211 Plant Improvements	3,850,000	-	-	-	-	-	3,850,000	-
Middleton Road Water Main	1,132,700	-	-	-	-	-	1,132,700	-
Carolina Shores North	64,600	-	-	-	-	-	64,600	-
Misc-Gilbert Road and Bailey Road Project	1,114,600	-	-	-	-	-	1,114,600	-
Hwy 74/76 Water Main Phase 1 & 2	1,500,000	-	-	-	-	-	1,500,000	-
NCDOT Hwy 211 Expansion	391,155	8,910,000	-	-	-	-	9,301,155	-
Sunset Harbor Road	70,000	460,000	-	-	-	-	530,000	-
FY16 Top 7 and Apollo Water Mains	1,905,000	1,310,000	1,125,000	-	-	-	4,340,000	-
Northwest Water Plant Treatment	599,600	5,750,000	80,800,400	-	-	-	87,150,000	-
Northwest Water Plant Expansion 12 MGD	-	850,000	22,000,000	-	-	-	22,850,000	-
Hwy 74/76 Industrial Park Water	-	185,000	3,100,271	-	-	-	3,285,271	-
Hwy 74/76 Water - Mintz Dr. to Old Maco	-	65,000	-	-	-	-	65,000	775,000
Shallotte Water Transmission Main	-	640,000	3,200,000	-	-	-	3,840,000	-
Utility Operations Center Expansion	-	80,000	400,000	-	-	-	480,000	-
54" LCFWSA Parallel Raw Water Main (Cost estimate includes cost sharing with other utilities)	850,000	-	38,710,000	-	-	-	39,560,000	-
Southeast Area Improvements	65,000	-	185,000	1,850,000	-	-	2,100,000	-
Hwy. 211 County Site Water Main Extension	-	-	-	-	-	-	-	760,000
System Improvement Mains - Neighborhood	-	-	-	-	-	-	-	650,000
Asbestos Cement Pipe Replacement Program	-	-	-	-	-	-	-	950,000
NC 211-Gilbert-Old Lennon Road Improvements	-	-	-	-	-	-	-	1,500,000
Transmission Improvements - Leland to Bell Swamp	-	-	-	-	-	-	-	5,700,000
Highway 87 Transmission System Improvements	-	-	-	-	-	-	-	5,090,000
Total Water Capital Improvement Plan	\$ 11,542,655	\$ 18,250,000	\$ 149,520,671	\$ 1,850,000	\$ -	\$ -	\$ 181,163,326	\$ 15,425,000
Water Capital Improvement Plan-Sources								
Capital Reserve	10,661,000	-	185,000	-	-	-	10,846,000	-
Debt Proceeds	-	7,240,000	144,710,400	-	-	-	151,950,400	-
Grant	500,000	-	-	-	-	-	500,000	-
Other Reimbursements	381,655	8,910,000	2,392,636	-	-	-	11,684,291	-
To be Determined	-	-	-	-	-	-	-	10,790,000
Pay Go	-	2,100,000	2,232,636	1,850,000	-	-	6,182,636	4,635,000
Total County Capital Improvement Plan Sources	\$ 11,542,655	\$ 18,250,000	\$ 149,520,671	\$ 1,850,000	\$ -	\$ -	\$ 181,163,326	\$ 15,425,000

BRUNSWICK COUNTY
CAPITAL IMPROVEMENT PLAN
Draft - Workshop 2-19-18

	Prior to FY 2019	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	Totals	On the Horizon
Wastewater Capital Improvement Plan-Projects								
Carolina Shores SAD	\$ 2,051,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,051,000	\$ -
2016 Enterprise Funded Main Extension	892,753	-	-	-	-	-	892,753	-
Sandy Creek Sewer Bypass	75,000	-	-	-	-	-	75,000	-
Miscellaneous Wastewater Projects	72,323	-	-	-	-	-	72,323	-
NC 211 R-5021 NCDOT Utility Relocation	88,351	7,560,000	-	-	-	-	7,648,351	-
WBRWWTF Expansion - Southport	2,340,000	23,420,000	-	-	-	-	25,760,000	-
Northeast Brunswick Regional WWTP 1.65 MGD Expansion	2,500,000	-	25,100,000	-	-	-	27,600,000	-
74/76 Industrial Park	-	354,000	1,767,000	-	-	-	2,121,000	-
Enterprise Funded Low Pressure Main Extension	-	-	100,000	600,000	-	-	700,000	-
Transmission Midway Rd to WB Treatment Facility	-	-	-	-	-	-	-	12,310,971
Ocean Isle Beach WWTP Effluent Disposal Improvements	-	-	-	-	-	-	-	1,600,000
Transmission System Upgrades	-	-	-	-	-	-	-	1,200,000
Angels Trace Force Main Upgrades	-	-	-	-	-	-	-	675,000
NC 211 Industrial Park Sewer	-	-	-	-	-	-	-	1,700,000
Ocean Ridge Reclaimed Water Main	-	-	-	-	-	-	-	1,100,000
Total Wastewater Capital Improvement Plan	\$ 8,019,427	\$ 31,334,000	\$ 26,967,000	\$ 600,000	\$ -	\$ -	\$ 66,920,427	\$ 18,585,971
Wastewater Capital Improvement Plan-Sources								
Capital Reserve	3,091,076	-	100,000	600,000	-	-	3,791,076	-
Debt Proceeds	2,500,000	-	25,100,000	-	-	-	27,600,000	-
Grant	-	-	-	-	-	-	-	-
Other (other utilities and NCDOT Reimbursement)	2,428,351	31,334,000	1,767,000	-	-	-	35,529,351	5,460,800
Special Assessment Revenue (Reserve advance funded)	-	-	-	-	-	-	-	-
Pay-Go	-	-	-	-	-	-	-	13,125,171
Total Wastewater Capital Improvement Plan Sources	\$ 8,019,427	\$ 31,334,000	\$ 26,967,000	\$ 600,000	\$ -	\$ -	\$ 66,920,427	\$ 18,585,971



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

Action Item # 2. -

From:
Melanie Turrise - Director of Human
Resources

10:00 - Human Resources - Employee Compensation and Health
Plan Updates (Melanie Turrise, Director of Human Resources)

Issue/Action Requested:

Request that the Board of Commissioners review the Employee Compensation and Health Plan Updates.

Background/Purpose of Request:

Fiscal Impact:

Reviewed By Director of Fiscal Operations

Approved By County Attorney:

Yes

County Manager's Recommendation:

Recommend that the Board of Commissioners review the Employee Compensation and Health Plan Updates.

ATTACHMENTS:

Description

- HR Employee Compensation and Health Plan Updates

Employee Compensation Plan

Melanie Turrise, Director of Human Resources

Estimated Market & Merit Analysis

Fiscal Year 2019	General Fund	Enterprise Fund	Total
Number of Employees	865	131	996
December 2017 CPI Index/pay scale adjustment @ 2%. (including overtime and benefits)	\$1,056,300	\$168,600	\$1,224,900
Estimated 1% merit for employees performing at or above satisfactory. Individual merit dependent on overall performance. Merit range from .25% to 1.35%.	\$527,100	\$84,300	\$611,400
Budget Impact	\$1,583,400	\$252,900,	\$1,836,300

Health Plan Update

Melanie Turrise, Director of Human Resources

Update on the N.C. Health Insurance Pool (NCHIP)

Gallagher estimates 6,000 to 8,000 members effective July 1, 2018

Achieved minimum participation of 2,500 members

Received Board approval to join the pool effective 7/1/2018:

Town of Hillsborough – 100 employees/retirees

Town of Wake Forest – 229 employees/retirees

Orange County – 1,068 employees/retirees

Brunswick County – 1,067 employees/retirees

Pending Board approval by the end of February:

Catawba County – 989 employees/retirees

City of Rocky Mount – 820 employees/retirees

Scotland County – 330 employees/retirees

Hyde County – 103 employees/retirees

FY 19 Budget Projections with Spouse Coverage

	FY 18 Budget	FY 19 Projected Budget with *NCHIP	FY 19 Projected Budget with **Self-Insured
Employees	\$9,079,542	\$8,373,372	\$8,521,776
Spouses	Not Eligible	1,988,429*	3,408,600**
Child(ren)	Included in Employee Rate (Blended)	1,163,460	1,119,816
Retirees	<u>2,859,300</u>	<u>2,838,210</u>	<u>2,841,025</u>
Total Budget	\$11,938,842	\$14,363,471	\$15,891,217

**NCHIP Projected Budget Increase of \$2.4M includes cost of spouse \$2.0M plus increase in number of employees and approximately 3% overall cost increase for health insurance*

***Self-insured spouse budget assumes maximum cost for lasered spouse*

FY 19 Financial Projections for Spousal Health Insurance Coverage (NCHIP)

- December 4, 2017, projections assumed 172 spouses join the plan if coverage offered
- January 18th employee survey indicated approximately 230 spouses join the plan if coverage offered
- Projected total cost to 230 spouses to join plan \$3.11M
- Projected 230 spouse contributions to join plan \$1.13M*
- Projected County Net Cost \$1.99M for 230 spouses to join plan

**Assumes a monthly premium of \$407 for spouse coverage/\$634 for family coverage with an optional additional premium of \$29 for spouse dental. Also assumes that spouses that are offered an employer-sponsored medical plan would not be eligible for coverage.*

Feedback From Employee Spouse Health Insurance Offering Survey

- Overall employees are supportive of adding spousal coverage, as long as the addition of spousal coverage does not adversely impact the current employee and child(ren) plan.
- Two respondents indicated that their spouse would no longer be eligible for the subsidy that they currently receive.
- Some employees have indicated that their spouse's employer provided coverage is not as comprehensive as Brunswick County's or is too expensive.
- Consider implementation of \$200 per month surcharge if spouse has insurance option through their employer

Self-Insured vs. NCHIP (fully-insured)

Self-Insured

- Claims cost continuing to run favorably and year end estimates for FY 18 may add \$1.2M to reserve
- Plan is stable and reserves may offset a future high cost claim year
- If spouse coverage is offered:
 - Projected total cost to add 230 spouses \$4.58M
 - Projected spousal contributions of \$1.13M
 - Projected Brunswick County net cost \$3.45M
- Projected costs reflect additional exposure due to high cost claims that the stop loss carrier would laser (\$2.4M potential in claims)
- However, actual costs are those incurred with savings to county along with the risks

NCHIP

- Fixed monthly premium
- No reserves required
- Stop loss carrier for the pool would not laser any high cost claimants for the first two years
- Long term sustainability by spreading risk and buying power across a larger population

Other Considerations

- ABA Therapy for Employees with children diagnosed with Autism, Asperger's, PDD, etc.
 - Discretionary
 - Provide up to \$40,000 per Individual Covered
 - Increases the Cost by Benefit Provided
- Discontinue Employee Clinic
 - Cost of Clinic \$250,000 per year
 - No Savings From Clinic Investment if Fully Insured (NCHIP)
 - Assist in Budget Gap For Adding Spouse Insurance
 - Eliminate Clinic Liability

Next Steps

1. Select Plan, Benefits, and Eligibility For Plan
2. If NCHIP Selected, Designate a Staff Representative for NCHIP Board
3. Manager to Develop Recommended Budget Based on Goals of Board
4. Conduct Employee and Child(ren) Open Enrollment in May
5. If Budget Provides Funding for Spouse Coverage, Conduct Spouse Enrollment in June



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

From:

Action Item # 2. -
10:15 - Morning Break

Issue/Action Requested:

Background/Purpose of Request:

Fiscal Impact:

Approved By County Attorney:



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

From:

Ann Hardy

Action Item # 2. -

10:30 - Administration - Draft County Capital Improvement Plan (Stephanie Lewis, Director of Operation Services, Bill Pinnix, Director of Engineering, Aaron Perkins, Director of Parks & Recreation, Steve Stone, Deputy County Manager, Marc Pages, Senior Planner)

Issue/Action Requested:

Request that the Board of Commissioners receive a presentation on General Government Capital Improvement needs

Background/Purpose of Request:

Fiscal Impact:

Reviewed By Director of Fiscal Operations

Approved By County Attorney:

Yes

County Manager's Recommendation:

Recommend that the Board of Commissioners receive a presentation on General Government Capital Improvement needs

ATTACHMENTS:

Description

- ▣ County Draft CIP (2)

Preliminary General Government

Stephanie Lewis, Director of Operations Services

Bill Pinnix, Director of Engineering Services

Aaron Perkins, Director of Parks and Recreation

Steve Stone, Deputy County Manager

General Government Improvement plan - Draft

Stephanie Lewis, Operations Services Director

General Government Capital Improvement plan - Draft

Project FY 2019 – FY 2021 Funding sources are current capital reserve and pay go:

1. C & D Landfill Closure - \$650,000 engineering in FY 22 from pay go reserve and construction in FY 23 of \$9,284,335; recommend a reserve transfer of \$750,000 to set aside funds for the balance of the estimated closure costs
2. Landfill Transfer Station - \$5,442,876; planned pay go funding in FY 19 of \$731,651 for design; construction estimated at \$4,711,225 in 2020

C&D Study Results & Waste Stream Update

Stephanie Lewis, Operations Services Director

Study to Evaluate Options for Future C&D Debris Waste Stream Disposal

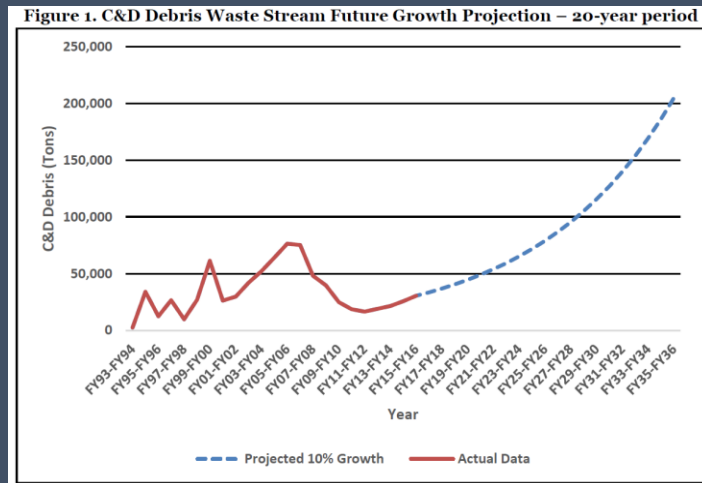
- Waste Stream Analysis
 - Evaluate the historical waste stream data for C&D, MSW & household recyclables (ending FY16)
 - Project future waste stream growth rates for a 20 year planning period

Waste Stream	Projected Annual Growth	Current Waste Stream (tons/year)	10-year Projection (tons/year)	20-year Projection (tons/year)
C&D Debris	10%	30,430	78,927	204,717
MSW	2%	83,813	102,168	124,542
Recyclables	8%	9,269	20,012	43,204
Total	-	123,512	201,107	372,463

- The C&D debris waste stream growth will be dependent on the local building industry and continued development in the County

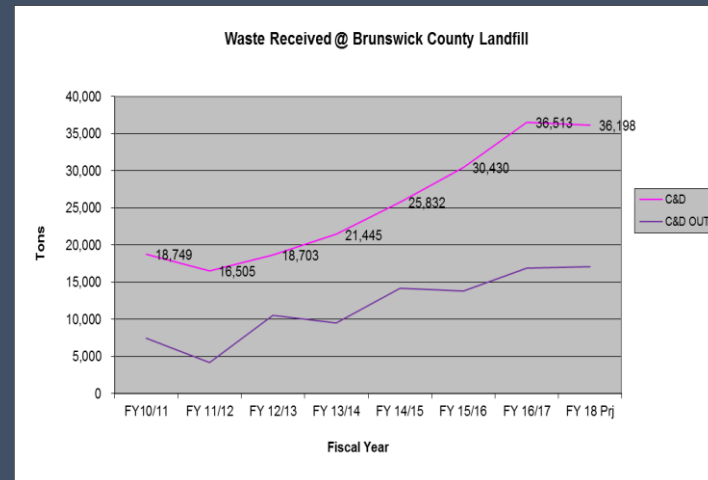
C&D Waste Stream Update

FY 1994 THROUGH FY 2036



- Dewberry's 10% growth projection for FY18 based on FY16 tons = 36,820 tons

FY 2011 THROUGH FY 2018



- Mid Year FY18 tonnage report is 11% less than previous 6 months and projected to remain flat with no growth for FY18

C&D Waste Stream Update

Date*	No Waste Stream Diversion (cy)	25% Waste Stream Diversion (cy)	50% Waste Stream Diversion (cy)	75% Waste Stream Diversion (cy)
July 1, 2017	152,100	152,100	152,100	152,100
July 1, 2018	79,044	97,308	115,572	133,836
July 1, 2019		37,037	75,391	113,746
July 1, 2020			31,192	91,646
July 1, 2021				67,337
July 1, 2022				40,596
July 1, 2023				11,182

Projection of Remaining Capacity in C&D Debris Landfill

* All projections assume annual growth of 10% for the C&D debris waste stream. Values denote remaining capacity at the beginning of the Fiscal Year.

C&D Waste Stream Update

	Tip Fee	Transfer Fee	Revenue
Per Ton	\$59	\$38	\$21
FY18 increase 3,025 tons	\$178,475	\$115,000	\$63,475
FY19 increase 27,375 tons	\$1,615,125	\$1,040,000	\$575,125

- To increase the C&D transfer to 75% for FY19 with no growth projected would cost an additional \$364,000. Revenue is already budgeted.
- Increasing the C&D transfer to 75% would delay the landfill closure for 2 years.

Study to Evaluate Options for Future C&D Debris Waste Stream Disposal

- Market Analysis for Recyclable Materials
 - Landfill Staff conducted a C&D Waste Stream Study – primary wastes available for recycling:
 - Wood – processed on site
 - Concrete – processed on site
 - Asphalt Shingles – hauled to recycler
 - Gypsum – not currently recycled
 - Recycling Markets are currently depressed
 - Brunswick County's location requires hauling of materials to most recyclers
 - BC staff has also attempted to recycle:
 - Mattresses
 - Carpet/Padding
 - PVC/HDPE piping
 - Compost
 - Current C&D waste stream has limited recycling opportunities

2016 Waste Stream Study

Category	% of Waste Stream by Tonnage
Wood (majority is non-pressure treated lumber)	63%
Final Clean Up (wood, brick, bags, tile, and insulation)	15%
Sheetrock	5%
Demolition Debris	17%
Total	

Study to Evaluate Options for Future C&D Debris Waste Stream Disposal

- Operational Analysis for 3 Options
 - Sorting & Recycling
 - Pilot Program – 2 months in-house labor and equipment, FY19 \$13,000 fuel & supplies
 - Target 20 tons per day to sort, hope to recycle 10 tons
 - Phase 1 – should be re-evaluated based on results from the Pilot Program
 - Target 40 tons per day to sort, hope to recycle 20 tons
 - Sorting to occur on the working face of the landfill, may require additional personnel/equipment
 - Phase 2 – permanent sorting facility in the old transfer station
 - Target 40% of waste stream, hope to recycle 50% of the sorted material

Study to Evaluate Options for Future C&D Debris Waste Stream Disposal

- Operational Analysis for 3 Options
 - Extraction & Recycling
 - A pre-pilot program consisting of test bores or core samples and testing of material is recommended in FY20
 - Estimated that 40% of the airspace where C&D is extracted could be reclaimed
 - Higher environmental and safety risks are expected with an extraction program
 - New Transfer Station
 - Existing Transfer Station is undersized for the current waste streams, it was constructed in 1998 for MSW only
 - Currently all MSW, 50% of C&D and all household recycling is processed through the Transfer Station
 - Current Transfer Station is 6,500 sq. ft., new Transfer Station is recommended to be 30,000 sq. ft. based on EPA's guidelines and projected waste stream tonnages

Existing Transfer Station



Operation Services Operating Budget Improvement Major Projects FY 19 - Draft

1. Building B Annex HVAC - \$100,000
2. Convenient Site Attendant Building - \$18,000
3. Barbee Library Roof - \$40,000
4. Harper Library Carpet Replacement - \$20,000
5. EMS Carpet Replacement for 3 Bases - \$7,000
6. Building I Bathroom Renovation - \$30,000
7. Building I Partial Flooring Replacement - \$38,000

General Government Improvement plan - Draft

- Bill Pinnix, Director of Engineering Services

General Government Capital Improvement plan - Draft

Current projects – Funding sources are current capital reserve and debt issue:

1. Senior Center – District 1 (Calabash) Complete Spring 2018, Cost of \$2.4 million inclusive of site and building purchase
2. Courthouse Renovation & Expansion – Design Contract Awarded Scheduled for February 2018, Total budget estimate of \$11 million

Calabash Center Exterior Front



Calabash Center Interior



General Government Capital Improvement plan - Draft

Projects FY 2019 – FY 2022 – Funding to be determined:

1. FY 22 Fire Service Training Center - \$3,200,000
2. FY 20 County Complex Space Needs Study - \$75,000

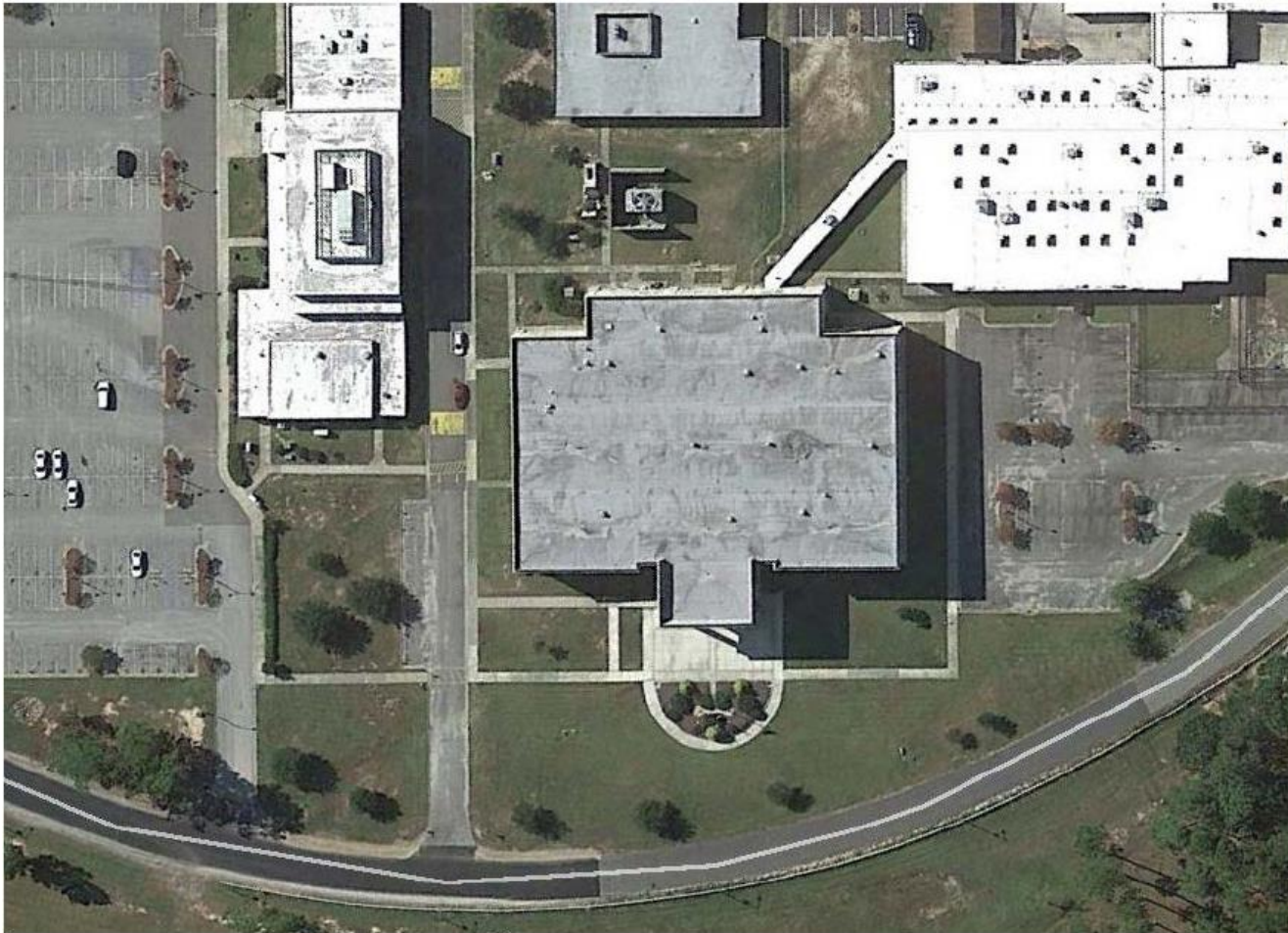
On The Horizon FY 2023 and beyond- Funding to be determined:

1. Detention Center Phase 3 - \$8,250,000
2. Complex Replacement Buildings - \$16,500,000

Brunswick County Courthouse Renovations

- Space needs study completed May 2017
- Study showed need is 64,886 SF and current is 58,779 SF
- Study also showed 53% currently used for space needs and 47% for open space, corridors, elevators, restrooms, mechanical and equipment rooms
- Renovations would improve the plan efficiency of the building
- Maximum efficiency will be achieved by an addition and renovations to existing
- Existing parking spaces will be lost with the building addition on the north side
- Replacement parking will be required for staff and judges for lost spaces
- Design plans were prepared in 2010 for an additional courthouse parking lot

BRUNSWICK COUNTY COURTHOUSE SPACE NEEDS STUDY

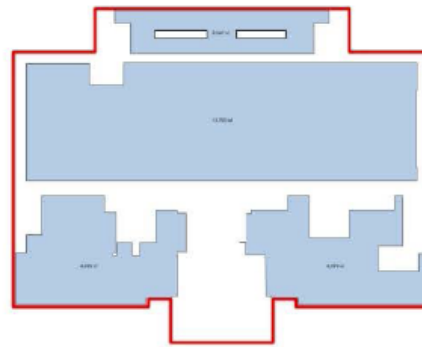


Existing building floor plan efficiency :

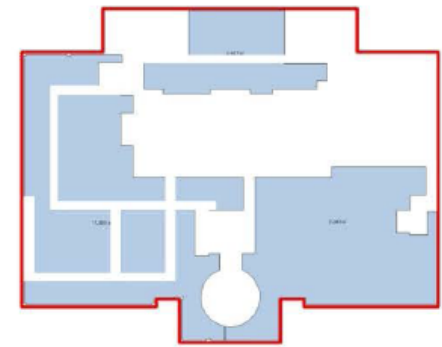
Blue areas are used for space needs



FIRST FLOOR



SECOND FLOOR

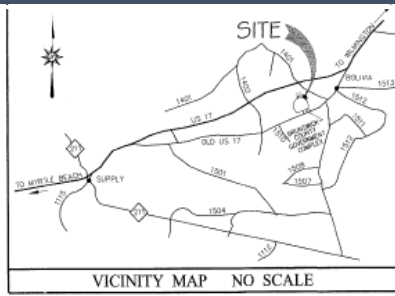
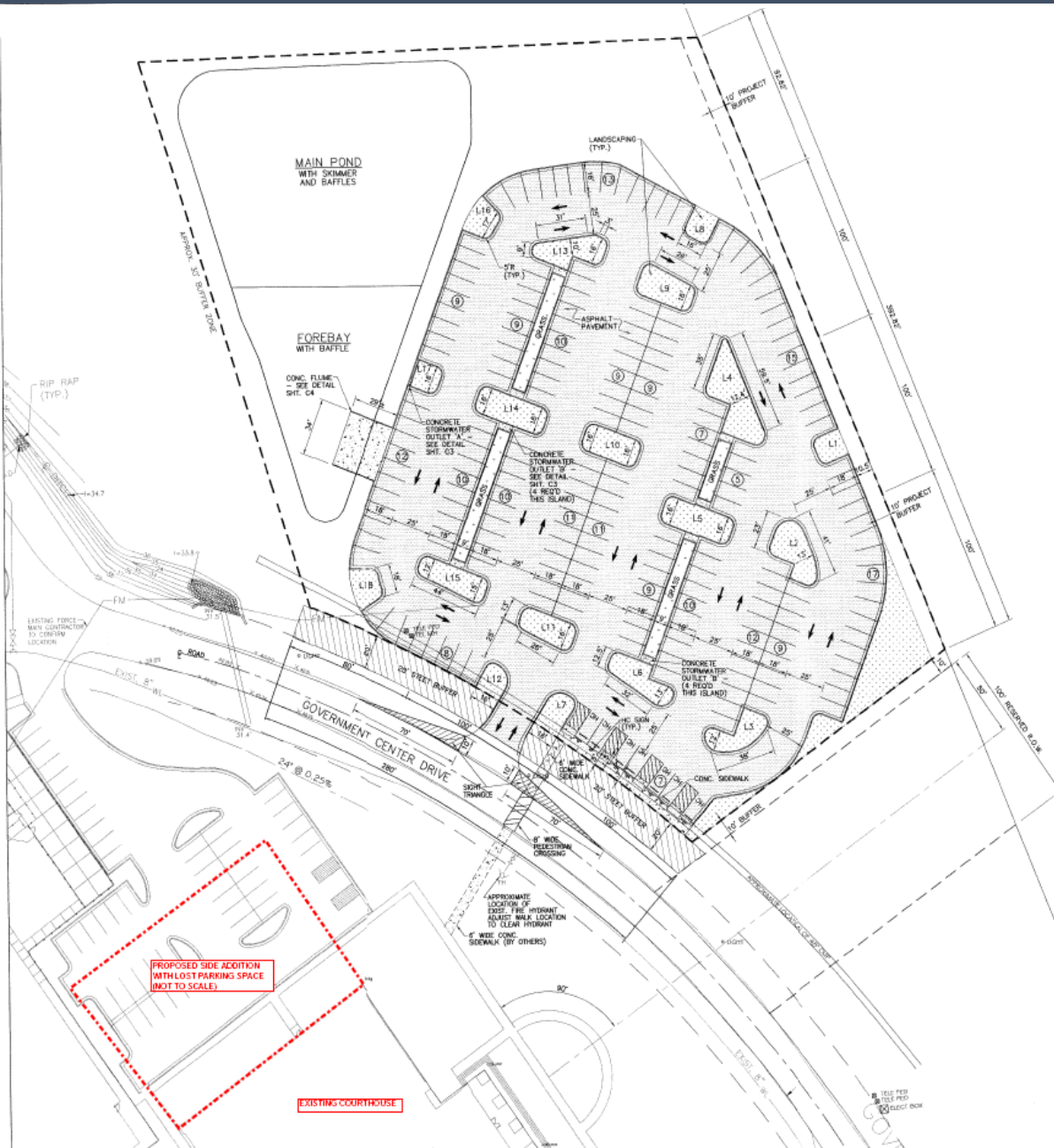


THIRD FLOOR

53% of Building Square Footage is used for space needs

47% is used for open space, corridors, elevators, restrooms, mechanical and equipment rooms.

Renovations would improve the plan efficiency.



REQUIRED INTERIOR PARKING LANDSCAPING				
PARKISCAPE ISLAND AREA	ISLAND SF	TREES PROVIDED	SHRUBS PROVIDED	
L1	144	279	SEE LANDSCAPE DRAWINGS	SEE LANDSCAPE DRAWINGS
L2	144	279		
L3	144	511		
L4	144	1043		
L5	144	689		
L6	144	574		
L7	144	374		
L8	144	279		
L9	144	504		
L10	144	543		
L11	144	481		
L12	144	268		
L13	144	597		
L14	144	607		
L15	144	578		
L16	144	343		
L17	144	247		
L18	144	372		
TOTAL	5,141 SF			

- NOTES:
1. SEE LANDSCAPE PLAN FOR TREES/PLANTS IN ACCORDANCE WITH G.L.S. OF UNIFIED DEVELOPMENT ORDINANCE.
 2. TREE CALIPERS ARE MEASURED AT 4 FEET.
 3. GRASS COVER SHALL BE GRASS (PERFECT) UNLESS NOTED OTHERWISE ON THE LANDSCAPE PLAN.
 4. 3 CANOPY TREES PER EVERY 100 LINEAR FEET OF PORTAGE STREET BUFFERS.
 5. ONE (1) CANOPY TREE, ONE (1) UNDERSTORY TREE, AND SEVEN (7) SHRUBS PER EVERY 100 LINEAR FEET OF PROJECT BUFFERS.



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CRISER TROUTMAN TANNER

BRUNSWICK COUNTY GOVERNMENT COMPLEX
BOLIVIA, NORTH CAROLINA
NEW PARKING LOT SITE PLAN

DESIGNED BY: DEC
CHECKED BY: DEC
SCALE: NOTED
REV. NUMBER: 0310
DATE: 1-11-10

SITE PLAN
SHEET NUMBER:
C1

General Government Improvement plan - Draft

Aaron Perkins, Parks and Recreation Director

General Government Improvement plan - Draft

Current projects – Funding sources are current capital reserve, grants, and pay go:

1. Ocean Isle Beach Park – Contract Awarded February 2018
2. Smithville Park – Complete Spring 2018, Additional Multi-Purpose field to begin Summer 2018
3. Brunswick County Waterway Park – Under design, grant funded plus 12.5% match of cash and in-kind

Parks & Recreation Operating Capital Plan - Draft

1. Smithville Additional Ballfields - \$300,000 (project remainder funds estimated to be sufficient)
2. Brunswick Nature Park Electrical Upgrades - \$50,000
3. Navassa concession Stand Restroom - \$245,000
4. Leland Park Playground - \$120,000









General Government Improvement plan - Draft

On The Horizon FY 2024 and beyond- Funding to be determined:

1. Smithville Park - \$5,000,000
2. Lockwood Folly Park Renovation - \$3,500,000
3. Leland Park Renovations - \$1,200,000
4. Cedar Grove Park Phase 2 - \$5,120,000
5. Shallotte Park Construction- \$6,200,000
6. Northwest District Park - \$10,425,000
7. Hwy 211 Coastal Events Center - \$1,000,000

Economic Development (Shoreline Protection) - Draft

Steve Stone, Deputy County Manager

Shoreline Protection & Waterways

1. Waterway Dredging Reserve \$200,000
 - Funding for 50% of estimated local share of 3-4 routine Lockwood Folly maintenance projects
2. Allowance for 1 Major Project \$410,000
 - Funding for 25% of estimated local share of 1 major project to dredge 12' Lockwood Folly navigation channel and provide and place 200,000+ cubic yards of beach quality sand

Brunswick Shoreline Protection Consortium

- The Brunswick Shoreline Protection Consortium is an unincorporated collaboration between the County and the beach municipalities of Bald Head Island, Caswell Beach, Oak Island, Holden Beach, Ocean Isle Beach, and Sunset Beach.
- The group meets bimonthly, with the meetings currently hosted by the County. Marc Pages, our Senior Planner, serves as staff coordinator to the committee.
- Meeting topics frequently include reports from the Corp of Engineers and NCBIWA, as well as project status reports from the participants.

Questions and Discussion



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

Action Item # 2. -

From: 11:00 - Board of Elections - Voting Equipment (Sara Knotts,
Director of Elections)

Issue/Action Requested:

Request that the Board of Commissioners receive a report on voting equipment requirements

Background/Purpose of Request:

Fiscal Impact:

Approved By County Attorney:

Yes

County Manager's Recommendation:

Recommend that the Board of Commissioners receive a report on voting equipment requirements

ATTACHMENTS:

Description

□ Board of Elections

Voting Equipment Replacement

Sara Knotts, Elections Director

Replacement Mandated

SL 2013-381

Effective January 1, 2018 – the only voting system that will be certified for use in North Carolina is one which utilizes a paper ballot which is defined as “an individual paper document that bears marks made by the voter by hand or through electronic means.”

SL 2015-103

Delayed decertification of our current voting system to September 1, 2019

Lack of Options

The State Board of Elections has been vacant since June 2017.

Without a state board, new voting equipment cannot be certified.

ExpressVote and DS200

ExpressVote utilizes touch-screen technology that produces a paper-based record for tabulation.

Handles the entire marking process, eliminating marginal marks and the need for voter mark interpretation. Voters utilize the touch screen to mark their vote selections, receiving a verifiable paper vote record upon completion.

ExpressVote is not currently certified.

DS200 precinct-based scanner and vote tabulator equipped.

Cost Estimate

Because ExpressVote is not currently certified, we cannot get an official quote.

Based on pricing we obtained over a year ago, the cost would be nearly \$1.5 million.

- 230 ExpressVote units
- 30 DS200 tabulators



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

Action Item # 2. -

From: 11:15 - Sheriff's Office - Software Needs (Tom Rogers, 911 Communications & Technology Director)

Issue/Action Requested:

Request that the Board of Commissioners receive information on operational software needs for the Sheriff's Office.

Background/Purpose of Request:

Fiscal Impact:

Approved By County Attorney:

County Manager's Recommendation:

Recommend that the Board of Commissioners receive information on operational software needs for the Sheriff's Office.

ATTACHMENTS:

Description

- Operational Software Presentation

Operational Software

Tom Rogers, 911 Communications & Information Technology Director

Sheriff's Office Operational Software

- Current vendor utilized since 2003
- CAD was the last major module added 2010
- Records Management waiting on major overhaul for over 10 years
- Need to migrate to a new software solution for the Sheriff's Operations
- Current vendor not meeting needs any longer, inefficient, vulnerable, and unsafe
- Worked with development staff, but agency is outgrowing vendor's capacity
- Numerous deficiencies and safety concerns

Deficiencies of current vendor:

- Multiple user logins
- No customized forms
- Duplication of data entry across multiple divisions
- No Crime Analysis feature
- Limited access to records – one login per record
- Extremely limited data sharing between databases
- Complex user interface and configuration
- Forms and spreadsheets are necessary to supplement limitations
- Ineffective reporting
- Officer safety due to lack of historical data
- Updates to software often difficult and time intensive for staff
- Records Management waiting on major overhaul for ~10 years
- Multiple databases and software installations to maintain
- Requires numerous servers to operate suite of software

Solution Identified:

Staff have been researching solutions and have identified software that best matches our business model. It addresses all the identified deficiencies and will carry us into the foreseeable future. It is highly regarded by current customers.

New Vendor Benefits:

- Single application and database with single user sign on
- Integrated forms and natural workflow
- Reporting and custom operation dashboards
- Adds Crime Analysis for investigations
- Increased officer safety
- Ability to collaborate with municipal partners
- Increases operational efficiency and reduces data duplication
- Reduction in servers required to operate

Budgetary Impact

- One-Time Initial Investment ~\$1,156,402
- Costs offset by State 911 Money approximately \$250K
- Recurring Expense Difference ~\$60,000-\$90,000

Higher amount due to added features and integrated Crime Analysis – none of which is offered by current vendor



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

From:

Stephanie Lewis, Director of Operation Services & William Pinnix, Director of Engineering Services

Action Item # 2. -

11:30 - Caw Caw Swamp Watershed Update (Stephanie Lewis, Director of Operation Services & William Pinnix, Director of Engineering Services)

Issue/Action Requested:

Request that the Board of Commissioners receive the Caw Caw Swamp Watershed Update as information.

Background/Purpose of Request:

Fiscal Impact:

Reviewed By Director of Fiscal Operations

Approved By County Attorney:

Yes

ATTACHMENTS:

Description

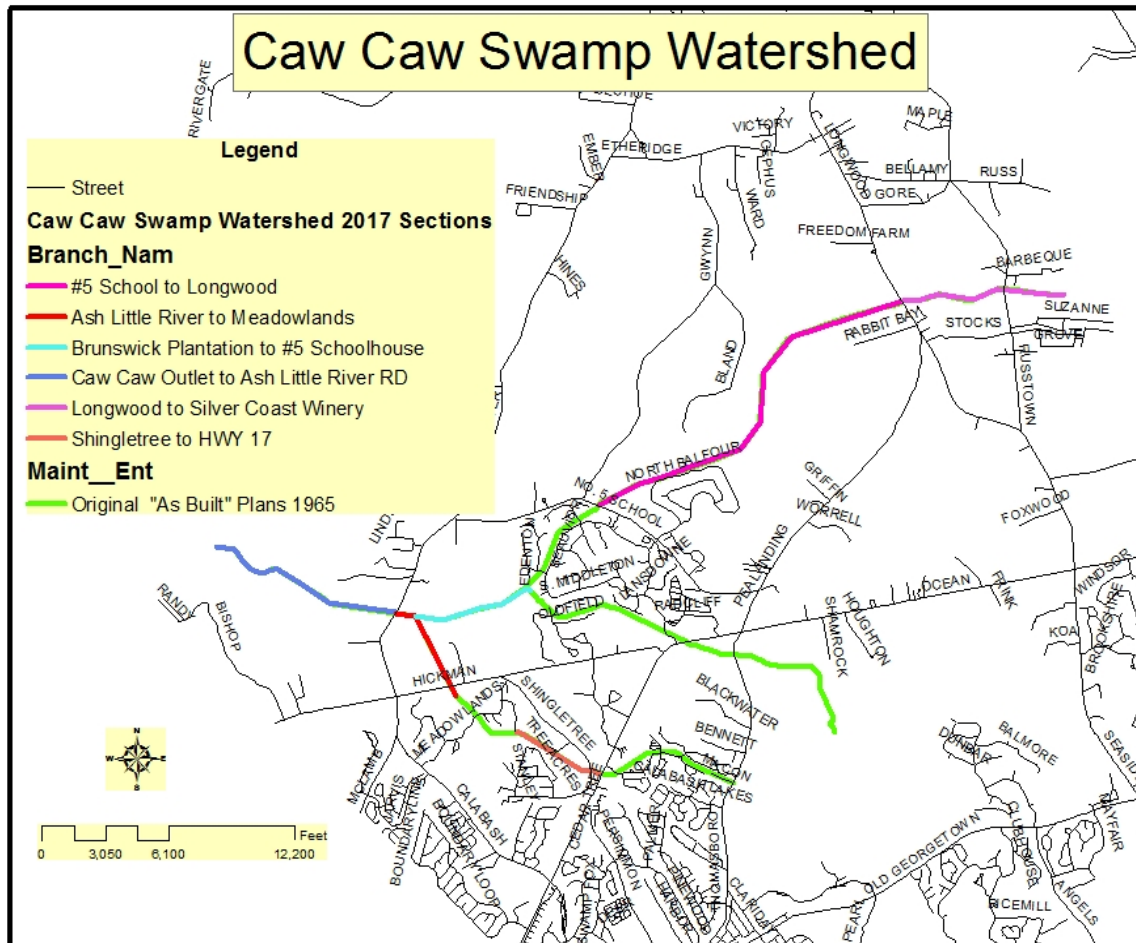
- ▣ Caw Caw Swamp Watershed Update

Caw Caw Swamp Watershed

Stephanie Lewis, Director of Operations Services

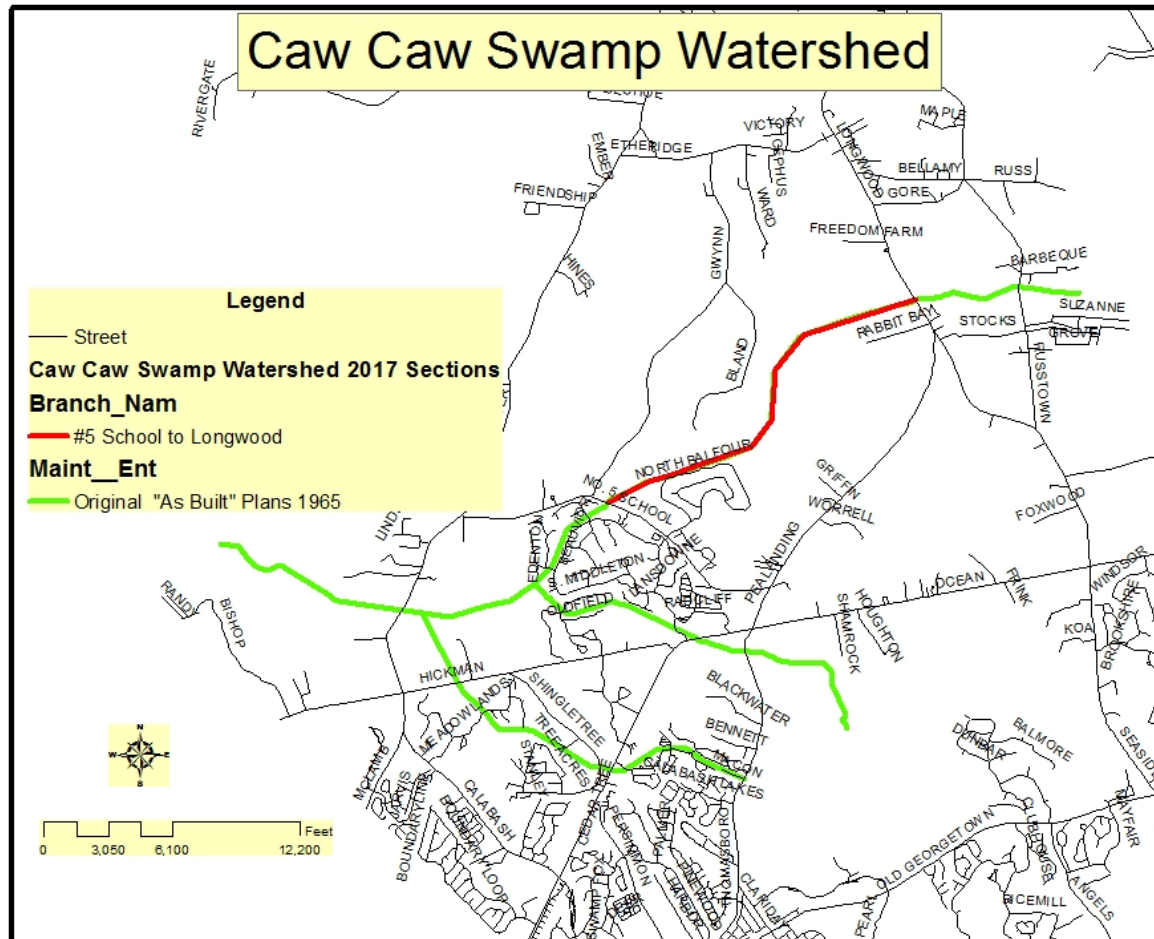
Bill Pinnix, Director of Engineering Services

Caw Caw Swamp Watershed



- Brunswick County maintains 9.8 miles
- 6.7 miles is maintained by private communities:
 - Brunswick Plantation
 - Meadowlands
 - The Farm
 - Crow Creek
- Annual Inspection for needed maintenance items include:
 - Tree Removal
 - Snagging
 - Mowing
 - Pipe Replacement
 - Sand Bar Removal
 - Erosion Control
 - Right of Way Maintenance

Caw Caw Swamp Watershed



2018 Project Area

No. 5 School Rd to
Longwood Rd

3.6 miles

Identified Maintenance Needs:

- Tree Removal
- Snagging
- Mowing
- Sand Bar Removal

Caw Caw Swamp Watershed

2018 Project Area: No. 5 School Rd. to Longwood Rd.



Caw Caw Swamp Watershed

Board of Commissioners requested additional information on a study for widening the Caw Caw canal

- This question was posed to HDR as part of the 2016 Caw Caw study, the following response was received:
2. Can we widen the canals and/or restore them to their original condition?
This is essentially two questions so let's consider simply restoring the Caw Caw Drainage Canal to its original design.
- *Design plans and environmental permits would have to be prepared to enable this work to begin as regulatory approvals of this type of activity would be required. This type of work could take up to two years to complete and could cost \$4-\$6 million to accomplish. Also, since the original canal design was based on a 5-year, 24-hour rainfall event, executing this work would have a negligible positive impact during a large storm event. Executing this type of construction would also likely result in having to obtain additional easements to enable reasonable access to the existing canal to accomplish this work.*
- What about widening the channel?*
- *Design plans and environmental permits would have to be prepared to enable this work to begin, as regulatory approvals of this type of activity would be required. This type of work could take up to six years to complete and could cost up to \$20 million to accomplish. Executing this work will reduce the frequency of flooding, but will not eliminate flooding during large storm events similar to what occurred in October 2015. Executing this type of construction would also result in having to obtain a number of easements to enable reasonable access to the existing canal and additional area for the channel widening.*

Questions



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

From:
Andrea White

Action Item # 2. -
11:45 - Report from Town of Carolina Shores on Drainage (Jon Mendenhall, Town Administrator)

Issue/Action Requested:

Request that the Board of Commissioners receive a report from the Town of Carolina Shores on emergency relief of the Caw Caw system.

Background/Purpose of Request:

Fiscal Impact:

Approved By County Attorney:

County Manager's Recommendation:

Recommend that the Board of Commissioners receive a report from the Town of Carolina Shores on emergency relief of the Caw Caw system.

ATTACHMENTS:

Description

- ▣ Carolina Shores Drainage Presentation

Emergency Relief of Caw Caw System

Pilot to Access Regulatory Framework for Emergency Relief

Caw Caw

- ▶ The Caw Caw...it has been talked about, studied, and worked on for a long period of time.
- ▶ We all know and accept that its design condition is very helpful as a drainage system, but not as a flood control system. It simply was not intended for floods of record or even the 1% annual (100yr) reoccurrence.
 - ▶ Floods of record exceed 500yr storms or 0.2% annual reoccurrence, in some cases with 0.1% reoccurrence; except that reoccurrence is occurring more frequently than statistically it should...Floyd and Joaquin since 1999.
 - ▶ Caw Caw was designed for a 5yr storm or 20% annual reoccurrence.
- ▶ Past attention and a great deal of discussion has focused on improvements to Caw Caw in effect turning its mission from drainage to flood control, we support those efforts but recognize that cost and benefit cost may make that option a low priority.
- ▶ We appreciate and applaud the work of County staff to make improvements with force account, that's huge!

- LEGEND**
- PRIMARY ROAD
 - SECONDARY ROAD
 - FARM ROAD
 - FEDERAL HIGHWAY NUMBER
 - SECONDARY ROAD NUMBER
 - EXISTING CHANNEL
 - SPOIL SHOE
 - STATE HIGHWAY NUMBER
 - F.R.C. FARM ROAD CROSSING



CHANNEL NAME AND LENGTH	
CHANNEL	LENGTH
Caw Caw Main	48,730'
Little Caw Caw	17,375'
Whigdetree	15,630'

Carolina Shores
(Town & ETJ)

ICW: 1.1mi
Georgetown: 70mi

MAINTENANCE MAP **CAW CAW SWAMP WATERSHED**

Brunswick County, North Carolina

U.S. DEPARTMENT OF AGRICULTURE
Soil Conservation Service
Raleigh, North Carolina
April, 1972

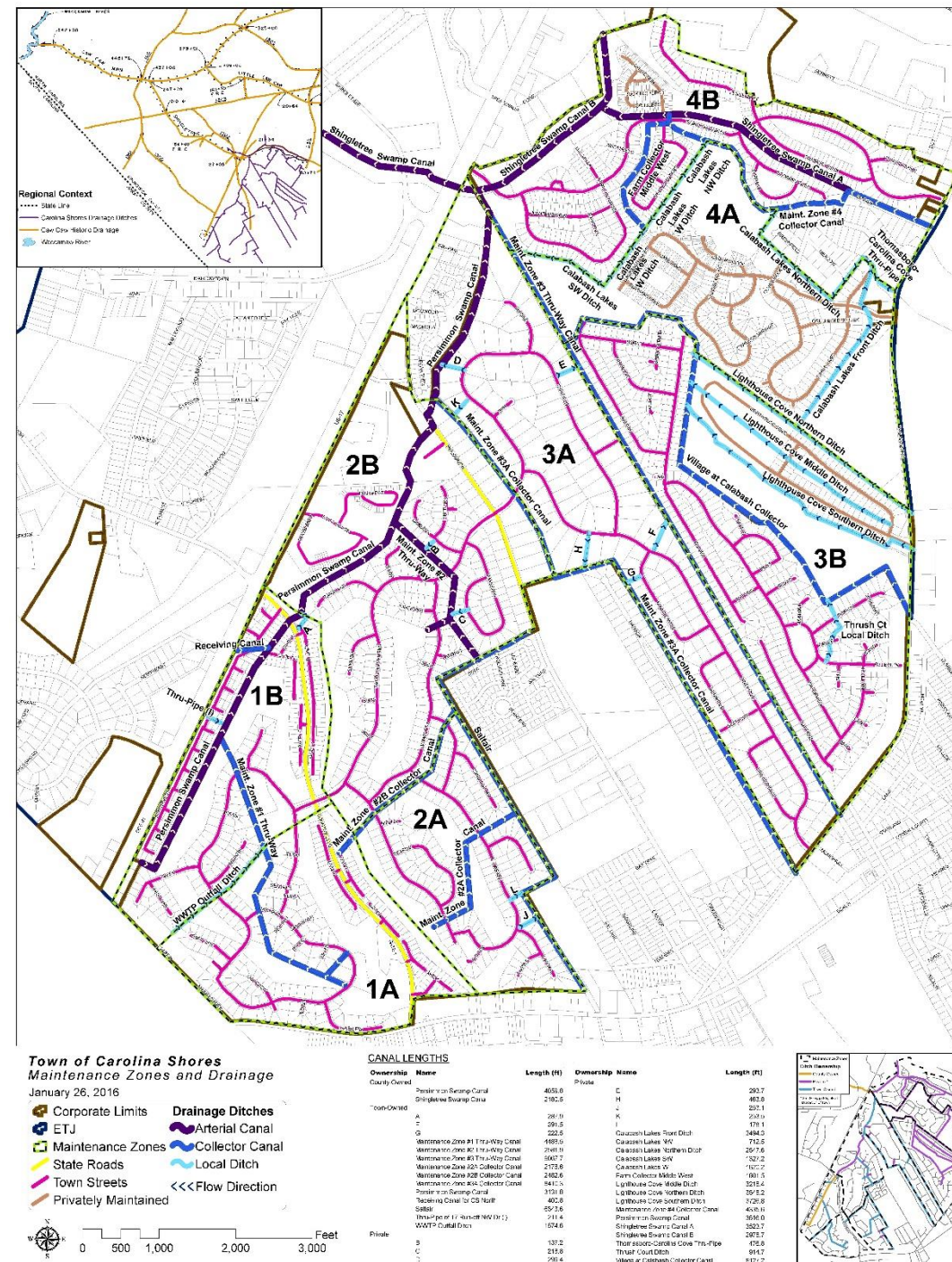
**Thank you! We believe in our team,
our partnership and working together!**

Town System

- ▶ 18 miles, canal/ditch serving approximately 4,012 residents. An equal number of system miles are covered under HOA or builder controlled State stormwater permits for 4 neighborhoods. System wide there is approximately 32 miles of public/private assets.
- ▶ The Town of Carolina Shores has spent in excess of \$1.2m since 2016 to maintain, improve, and study the public drainage system. All Town miles are de-mucked, equipment accessible, bank stabilized, and with vegetation maintained including aquatic weeds that cause blockage downstream.
- ▶ The Town has invested heavily in adding storage capacity:
 - ▶ The Town has installed 1 small flood bench, is finishing work on 1 additional flood bench and has 2 more planned for in a grant proposal.
 - ▶ The Town is retrofitting three 3 detention ponds to add capacity to the system.
 - ▶ The Town has established agreements to pump down key private stormwater ponds to free peak discharge storage capacity in storm events.
 - ▶ With all of this investment, there still exists a capacity shortfall, we simply cannot dig our way to sufficient capacity within the Town system.

The Town:

- Mapped every canal/ditch
- Traced ownership and maintenance responsibility
- Knows flow
- Knows condition
- Has filmed and archived every section
- Has cross sections and elevations
- Has an H&H model for the system



We have a problem...

- ▶ We're still only as good as the design storm on the outfall (5yr storm), everything in our 32 miles outfalls to the Shingletree Canal and Caw Caw Main Canal east of Ash-Little River Road.

Emergency Relief is Needed

- ▶ Caw Caw functions adequately in its design storm and storms within a range from design storm to storms of record (no Matthew flooding).
- ▶ An emergency relief is needed for catastrophic storms that exceed capacity. This emergency relief will be needed to accommodate current as well as future development conditions that left unchecked will cause greater devastation during a flood event.
- ▶ Given significant public ownership of easements in the upper reaches of Caw Caw-Shingletree-Persimmon there exists a possibility to study a flood control pump system to provide emergency relief (not normal flow) back to the Intercoastal Waterway removing the excess flow from the strained Caw Caw during periods of significant flooding.
- ▶ Preliminary analysis indicates: USACE permitting and DEQ permitting (multiple sections), 2 easements, 1 encroachment for a road bore; otherwise between Town/County all easements are in place

Let's Explore

- ▶ We think we should explore this by retaining a consultant to interface with regulatory agencies (USACE NC/SC, DEQ NC/SC) to determine regulatory environment and permitting regulations for such a concept.
- ▶ Questions are free, but we need to have someone on board to know which ones to ask and to have expertise to prepare a report for our joint use.
- ▶ This exploration will not be the end point, but rather provide a sound, unbiased, third party investigation of the “Intercoastal option” giving us both a decision point in the future to refine our long-term planning.
- ▶ The fruits of exploration will be a decision point:
 - ▶ If positive, the next step would be a high level engineering review and cost estimate, a Preliminary Engineering Report (PER), but that’s a future decision.
 - ▶ If negative, the option for using the Intercoastal tool will be removed from the toolbox.

Thank You!

Contact:

Jon Mendenhall

Town Administrator

Town of Carolina Shores

200 Persimmon Road

Carolina Shores, North Carolina 28467

910.575.4877



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

Action Item # 2. -

From:
Bob Shaver, County Attorney

12:00 - County Attorney - Legislative Update (Bob Shaver,
County Attorney)

Issue/Action Requested:

Request that the Board of Commissioners receive a presentation on recently enacted legislation, bills in progress, notable court cases, and issues to watch at the state legislature.

Background/Purpose of Request:

Fiscal Impact:

Reviewed By Director of Fiscal Operations

Approved By County Attorney:

Yes

County Manager's Recommendation:

Recommend that the Board of Commissioners receive a presentation on recently enacted legislation, bills in progress, notable court cases, and issues to watch at the state legislature.

ATTACHMENTS:

Description

▣ Legislative Update

Legislative Update

Bob Shaver, County Attorney

February 19, 2018

2017 Notable Legislation

- ***S.L. 2017-10 (SB 131): Regulatory Reforms***
- **Zoning Regulations (Section 2.4)**
 - Clarifies consistency statement governing board produces when approving or rejecting a zoning amendment. Effective Oct. 1, 2017
- **Subdivision Regulations (Section 2.5)**
 - Adds exemption from definition of “subdivision” for division of a tract when settling an estate
 - Provides for expedited review for division of qualifying tract or parcel greater than five acres
 - Effective July 1, 2017
- **Statute of Limitations for Land Use Violations (Section 2.15)**
 - Five years if violation known; or violation could be determined from public record
 - Seven years if violation apparent from public right-of-way; in plain view from place public is invited
 - Exception for conditions dangerous to public health or safety
 - Effective Oct. 1, 2018

2017 Notable Legislation

S.L. 2017 – 87 (SB 155) “Brunch Bill”

- Allow alcohol sales beginning at 10am on Sundays if local ordinance adopted to authorize.

• S.L. 2017-4 (HB 142): HB 2 Changes

- Repeals HB 2 from 2016 special session. Preempts regulation of multiple occupancy bathrooms. Prohibits, until Dec. 1, 2020, a local government from regulating private employment practices or public accommodations.

2017 Notable Legislation

- ***S.L. 2017-6 (SB 68): State Board of Elections and Ethics***
 - Establishes “Bipartisan State Board of Elections and Ethics Enforcement” to consolidate functions of State Ethics Commission and State Board of Elections. Eight-member board with Governor appointing four members from each political party.
 - Also increases county boards of elections from 3 to 4 members, split between 2 parties. Democrat chair in odd years and Republican chair in even years.
 - Governor’s veto overridden.
- ***Update:***
 - NC Supreme Court reverses on January 26, 2018 and reverts back to two entities and sends case back to lower court.
 - February 8, 2018 – Legislature tries again, now proposing to merge the boards with 4 Republicans, 4 Democrats, and 1 unaffiliated. (as part of House Bill 90)

2017 Notable Legislation

- **S.L. 2017-7 (HB 239): Reduce Court of Appeals**

- Reduces size of the N.C. Court of Appeals from 15 to 12 judges. Allows an appeal of right to the N.C. Supreme Court from class action certification orders and termination of parental rights orders. Allows discretionary review when Supreme Court determines matter important to integrity of court system. Governor's veto overridden.
 - Still contested, but stands for now.

- **S.L. 2017-3 (HB 100): Restore Partisan Elections**

- Makes elections for superior court and district court judges partisan, effective Jan. 1, 2018. Governor's veto overridden.
 - Jan. 31, 2018 – federal district judge orders partial reinstatement of primaries in some races
 - February 9, 2018 – 4th Circuit stays lower court's order. No primaries in state judicial races.

2018 Bills to Watch - GenX

- H 189 (2017-2018) **SHORT-TERM RESPONSE TO EMERGING CONTAMINANTS (NEW)**. Filed Feb 23 2017, *AN ACT TO IMPLEMENT SHORT-TERM MEASURES TO RESPOND TO EMERGING CONTAMINANTS IN THE ENVIRONMENT*.
- \$2.4 million to DEQ, but significant disagreement between House and Senate over how it may be used.
- Senate Amendment #1 adds to the research the **North Carolina Policy Collaboratory** (Policy Collaboratory) is charged to conduct after identifying faculty expertise within the UNC System, using technology and instrumentation existing throughout the UNC System, to include **studying the air emissions and atmospheric deposition of GenX** and other emerging compounds.
- Senate Amendment #2 provides that **of the funds appropriated to the Department of Environmental Quality (DEQ)** to implement the act, \$813,000 can be allocated to the Division of Water Resources for nonrecurring expenses for time-limited positions and operations support, specifically: (1) for the collection of air and water quality samples related to GenX and other emerging contaminants that are delivered to the US Environmental Protection Agency (EPA) or to an entity designated to perform analysis of the samples by the Policy Collaboratory and (2) to address National Pollutant Discharge Elimination System (NPDES) permitting backlogs. Makes conforming changes.

re-referred to House Select Committee on NC River Quality

2018 Bills to Watch - Redistricting

- S 702 (2017-2018) [INDEPENDENT REDISTRICTING COMMISSION](#). Filed Jan 10 2018, AN ACT TO AMEND THE NORTH CAROLINA CONSTITUTION TO ESTABLISH AN INDEPENDENT REDISTRICTING COMMISSION.
- *Has been in Senate committee on rules and operations since Jan. 12*

2018 Bills to Watch – K-3 Class Size

- S 703 (2017-2018) [TECH CORRECT TO APPROPRIATIONS ACT OF 2017](#). Filed Jan 10 2018, AN ACT TO MAKE TECHNICAL MODIFICATIONS TO THE CURRENT OPERATIONS APPROPRIATIONS ACT OF 2017 REGARDING CLASS SIZE IN KINDERGARTEN THROUGH THIRD GRADE.
 - *Has been in Senate committee on rules and operations since Jan. 12*

House Bill 90

- 4-year phase in of reduction mandates for K-3
- Create separate funding allotment for enhancement teachers (art, music, languages, etc) No reduction of current funding for classroom teachers to pay for enhancement teachers.
- Expand early childhood education funding

2018 Bills to Watch – More House Bill 90

- Changes to Bipartisan Board of Elections and Ethics
- Changes to K-3 Class Size law
- Atlantic Coast Pipeline
 - Redirects \$58 million environmental mitigation funds to schools in counties through which the pipeline runs.

Litigation to Watch

- Redistricting
 - Racial gerrymandering case
 - *North Carolina v Covington* – in federal court
 - Legislative districts redrawn after 28 found to be racially gerrymandered
 - A number of the newly redrawn districts again contested
 - Court appointed special master redrew 9 districts
 - U.S. Supreme Court intervened on petition of state legislators, and issued a split decision:
 - Implement special master version of 4 districts (affecting Cumberland, Guilford, Sampson, and Wayne) (for use in May primary and November election)
 - Stay use of special master version of 5 districts (affecting Mecklenburg and Wake) (use legislature version in May and November)

Litigation to Watch

- Redistricting
 - Racial gerrymandering cases (continued)
 - *Dickson v Rucho* (state court out of Wake County)
 - 2011 challenge to legislative and congressional maps
 - Been sent back down from SCOTUS three times to NC Supreme Court.
 - May be moot in light of *NC v Covington*
 - Partisan gerrymandering
 - *Rucho v League of Women Voters* – federal court
 - Involves congressional districts
 - Federal court ordered redraw; appeal for stay to SCOTUS granted.
 - *Harris v Cooper* – appeal of a lower court decision declining to hear a partisan gerrymandering claim. Unclear whether will be accepted for hearing on appeal.

Litigation to Watch

- State Board of Education v. State of NC and Mark Johnson
 - *Challenges H17, which transferred powers from Board of Education to Superintendent Mark Johnson.*
 - *North Carolina Supreme Court heard oral arguments on Feb 7, 2018. No ruling yet.*
 - *Argument: General Assembly cannot reallocate constitutional powers, and did so by removing responsibilities of the Board over the public school system and giving them to Superintendent.*

Other Issues to Watch

Schools suing Counties over funding disputes

S531 would have repealed authority for school boards to sue county commissioners over school funding. The bill had favorable movement but was voluntarily halted pending completion of a report on dispute resolution methods by the Joint Legislative Program Evaluation Oversight Committee.

The report was released in January 2018. It proposes a formula for funding when dispute resolution fails.

**same amount for first disputed year*

**same amount for second disputed year*

**3% growth rate added thereafter.*

Other Issues to Watch

More Judicial Reform?

Persistent speculation that a non-public bill is being debated on appointment (“merit selection”) versus election, or some form of redistricting that would change election of judges and district attorneys.

**would require constitutional amendment*

**some counties already passing resolutions in opposition
(Beaufort, Nash, Davidson)*



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

Action Item # 2. -

From:
Bob Shaver, County Attorney

12:25 - County Attorney - Abandoned Boat Ordinance (Bob Shaver, County Attorney)

Issue/Action Requested:

Request that the Board of Commissioners receive an update on the Abandoned and Derelict Vessels Ordinance.

Background/Purpose of Request:

Fiscal Impact:

Reviewed By Director of Fiscal Operations

Approved By County Attorney:

Yes

County Manager's Recommendation:

Recommend that the Board of Commissioners receive an update on the Abandoned and Derelict Vessels Ordinance.



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

Action Item # 2. -
12:30 - 1:15 Recess for Lunch

From:

Issue/Action Requested:

Background/Purpose of Request:

Fiscal Impact:

Approved By County Attorney:



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

From:
Brian Watts

Action Item # 2. -
1:15 - Emergency Services - Fire Commission Update (Walt Eccard, Chairman of Fire Commission, Brian Watts, Director of Emergency Services)

Issue/Action Requested:
Request that the Board of County Commissioners receive an update on the progress of the Brunswick County Fire Commission.

Background/Purpose of Request:

Fiscal Impact:
Reviewed By Director of Fiscal Operations

Approved By County Attorney:
Yes

County Manager's Recommendation:
Recommend that the Board of County Commissioners receive an update on the progress of the Brunswick County Fire Commission.

ATTACHMENTS:

Description

- ☐ Emergency Services - FY 2018-2019 Fire Fee Planning Numbers
- ☐ Emergency Services - Fire Commission Update Presentation
- ☐ Fire Commission Presentation Performance Measures

Brunswick County Fire Fee Preliminary Planning Numbers

Fiscal Year 2018-2019

	FY2018 Fire Fee Budget	FY2019 Fire Fee Revenue (100%)	District Fire Fee Collection % 2015	FY 2019 Fire Fee Planning Amount	FY 2019 Fire Fee Increase (Decrease)	
Bald Head Island	-					
Bolivia	202,362	225,216	94.77%	213,437	11,075	5%
BSLVFD	479,537	517,272	98.17%	507,806	28,269	5%
Calabash	1,297,417	1,369,153	99.59%	1,363,539	66,122	5%
Civietown	365,345	389,138	96.26%	374,584	9,239	2%
Grissettown Longwood	395,087	423,359	96.79%	409,769	14,682	3%
Leland	2,471,841	2,662,653	99.34%	2,641,880	170,040	6%
Navassa	169,842	185,981	95.91%	178,374	8,532	5%
Northwest	349,277	385,550	96.24%	371,053	21,776	6%
Oak Island	1,372,746	1,436,200	99.76%	1,432,753	60,007	4%
Ocean Isle Beach	943,686	906,450	99.44%	901,374	(42,312)	-5%
Shallotte	657,712	692,800	99.00%	685,872	28,160	4%
Shallotte Point	385,427	407,394	98.49%	401,242	15,815	4%
Southport	882,167	913,234	99.36%	907,389	25,222	3%
St. James	\$ 71,305	\$ 71,638	99.55%	71,316	11	0%
Sunset Beach	1,189,214	1,230,913	99.32%	1,222,543	33,329	3%
Sunset Harbor/ Zion Hill	401,095	427,278	97.97%	418,604	17,509	4%
Supply	462,685	528,825	97.78%	517,085	54,400	10%
Tri-Beach	1,329,991	1,365,331	98.72%	1,347,855	17,864	1%
Waccamaw	211,260	250,750	96.19%	241,196	29,936	12%
Winnabow	380,092	435,165	96.65%	420,587	40,495	9%
Yaupon Beach	169,846	172,913	99.90%	172,740	2,894	2%
Total	14,187,934	14,997,213		14,801,000	613,067	4%

Fire Commission and Fire Department Budget Process

Brian Watts, Emergency Services Director
Mack Smith, Fire Administrator

Fire Commission



Fire Commission

- Is an advisory board to the County Commissioners
- Is comprised of 19 members
- Currently meets monthly

Fire Commission Breakdown

- Seven Elected Officials
- Six Appointed Citizens
- Five Fire Chiefs
- President of the Brunswick Co. Fire Chiefs Association

Fire Commission Breakdown

Seven Elected Officials

- Mayor Brenda Bozeman, Town of Leland
- Mayor Joyce Dunn, Town of Carolina Shores
- Commissioner Pat Sykes(Vice Chair)
- Mayor Alan Holden, Town of Holden Beach
- Mayor Pro-Tem Loman Scott, Town of Oak Island
- Commissioner Mike Forte
- Mayor Walt Eccard, Town of Shallotte(Chair)

Fire Commission Breakdown

Six Appointed Citizens

- Carol Dunham, Dist. 1
- Len Henderson, Dist. 2
- Donna Loosley, Dist. 3
- District 4, Currently Open
- William Wilson, Dist. 5
- John Fugee, Citizen at Large

Fire Commission Breakdown

Five Fire Chiefs

- Chief Donnie Williams, Navassa Fire Dept.
- Chief Robert Yoho, Ocean Isle Beach Fire Dept.
- Chief Teresa Tickle, Boiling Spring Lakes Fire Dept.
- Chief William Bailey, Supply Fire Dept.
- Chief Charles Drew, Southport Fire Dept.

President of Brunswick Co. Fire Chiefs Assoc.

- Chief Doug Todd, Tri-Beach Fire Dept.

Four Initial Goals/Priorities

- Performance Measures

Sub-committee working thru recommended
Performance Measures

- Funding

- Training

- Equipment

Departments reporting current status of equipment.

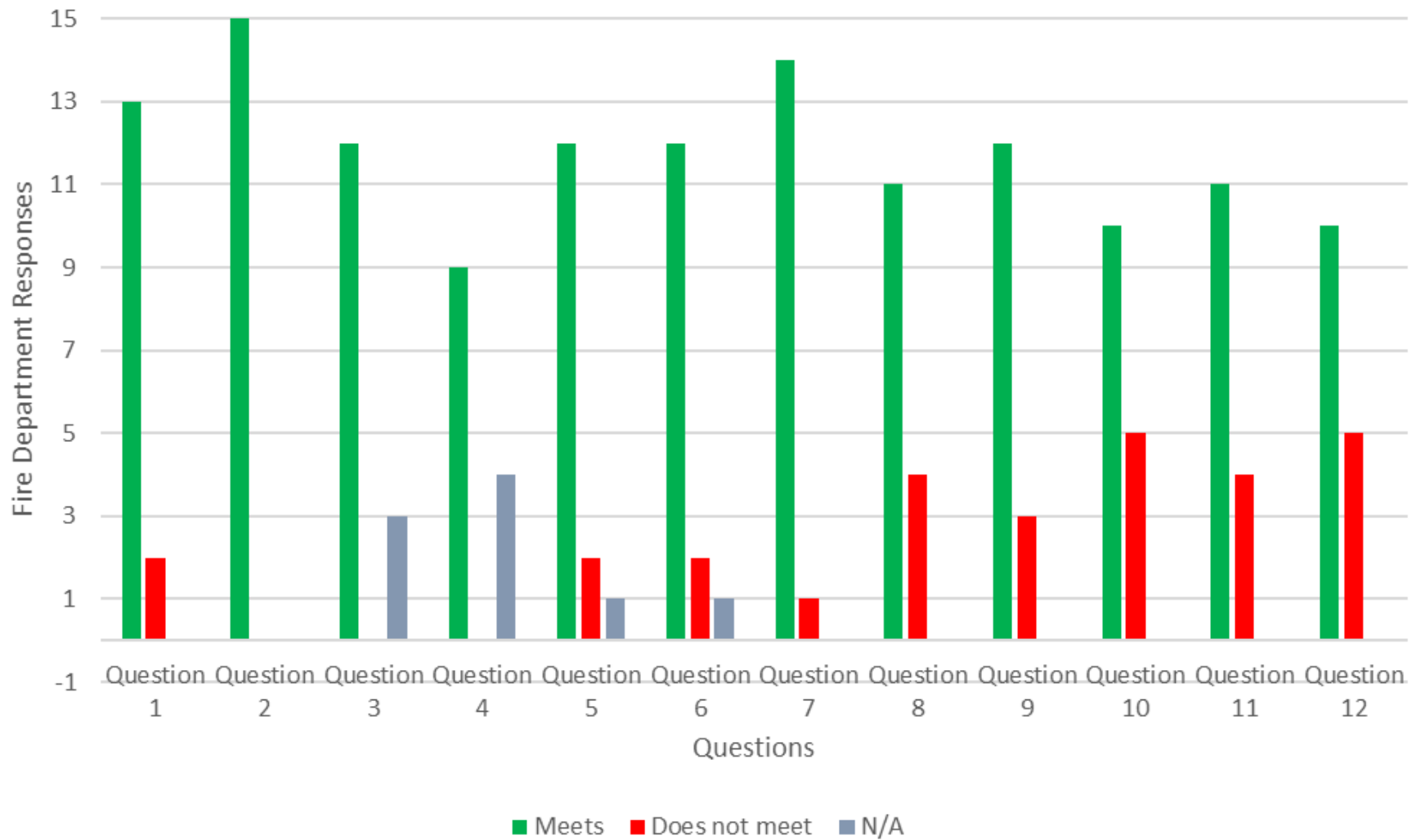
Performance Standard Sub-Committee

- Mayor Joyce Dunn(Chair), Carolina Shores
- Commissioner Mike Forte
- John Fugee, Citizen at Large
- Chief Doug Todd, Tri-Beach FD

Performance Standards Sub-Committee

- Has made initial recommendations back to Fire Commission
- Waiting on feedback from Fire Commission and Fire Chiefs
- Then will make their final recommendations back to Fire Commission

Performance Standards



What's Next

- Fire Dept. Organization

1. Volunteer Recruitment and Retention
2. Standardized Pay
3. Budget Development

- Equipment Needs in County

- Training Needs

Budget Process

Fire Department Budget Process

- Budget Timeline:
 - February 28, 2018:
 - Budget request due to Emergency Services
 - March 1 through April 15, 2018:
 - Fire Fee Rate Setting Committee meetings
 - May 1, 2018
 - Recommended fire department budgets presented to County Manager
 - May 21, 2018
 - Fire Department budgets presented to Board of Commissioners

Questions ?



PROPOSED FIRE DEPARTMENT PERFORMANCE MEASURES



Areas of Performance Measurements

- ▣ Response
- ▣ Training
- ▣ Administration



Response Measures



Response Measures

The following response measures will only apply for a single response. Anytime a department has multiple calls, the multiple call will not be held against the departments response.



Response Measure

Structure Fires in the departments primary district, provide a minimum of four personnel 100% of the time.

- ▣ Maintain 9S rating with NCOSFM
- ▣ Fire Fighter Safety (2 in 2 out NC OSHA)



Response Measure

For fires and hazardous conditions other than structure fires and in the department's primary response district, the department will provide at a minimum ~~three~~ **two** personnel 90% of the time. **To increase to three personnel in two years.**

- ▣ Effective Firefighting Force
- ▣ Firefighter Safety



Response Measure

REMOVE

~~For medical responses excluding vehicle accidents in the department's primary response district, the department will provide minimum 2 personnel 90% of the time.~~

- ▣ Accountability
- ▣ Firefighter Safety



Response Measure

Total response time (Dispatch time to arrival at scene) for all medical responses inside the departments primary response district shall be a vehicle equipped with medical supplies including an AED in less than 9 minutes 90% of the time.

- ▣ Consistent Service Delivery
- ▣ Timely Medical Intervention.



Response Measure

For departments responding to all medical calls, excluding vehicle accidents in the department's primary response district, the department will provide a minimum of 2 personnel 90% of the time. At least one shall be certified through NCOEMS at the Basic EMT Level.

- ▣ Accountability
- ▣ Firefighter Safety



Response Measure

For departments responding to high acuity medical calls, excluding vehicle accidents in the department's primary response district, the department will provide a minimum of 2 personnel 90% of the time. At least one shall be certified Medical Responder (MR) Level.

- ▣ Accountability
- ▣ Firefighter Safety



Response Measure

For departments responding to Echo level medical calls, excluding vehicle accidents in the department's primary response district, the department will provide a minimum of 2 personnel 90% of the time. At least one shall be at the Medical Responder (MR) Level.

- ▣ Accountability
- ▣ Firefighter Safety



Response Measure

For automatic aid responses, outside of the department's primary response district, the department will provide ~~four~~ at least **two** personnel responding on a single apparatus 90% of the time.

- ▣ Effective Firefighting Force
- ▣ Firefighter Safety



Response Measure

Total response time (Dispatch time to arrival at scene) for all fire and hazardous condition responses inside the departments primary response district shall, at a minimum, be a fire engine capable of delivering no less than ~~500~~ **750** gallons per minute in less than 9 minutes ~~90%~~ **70%** of the time.

- ▣ Consistent Service Delivery
- ▣ Event Mitigation and Stabilization



Training Measures



Training Measures

Department shall require 100% of interior firefighters to be compliant through the NCOSFM with NFPA 1403.

- ▣ Nationally recognized standard as minimum training for interior structural firefighting
- ▣ Firefighter Safety



Training Measures

Department shall require all **response** members ~~and~~ / employees to have no less than 36 training hours per year.

- ▣ State mandated minimum standard
- ▣ Firefighter Safety



Training Measures

No less than 75% of department members **with 2 or more years of membership in the department,** shall be certified through NCOSFM as at a minimum "North Carolina Firefighter I" or "North Carolina Firefighter II"

- ▣ Certified Firefighters
- ▣ More extensive training program
- ▣ Better service delivery



Training Measures

REMOVE

~~No less than 75% of department members shall be certified through NCOSFM as "Hazardous Materials Responder"~~

~~-~~

~~☐ State Requirement~~

~~☐ Firefighter Safety (recognize and Identify)~~



Training Measures

REMOVE

~~For departments responding to all medical calls, no less than 75% of department members shall be certified through NCOEMS at the Emergency Medical Technician level or above.~~

~~-~~

~~☐ Consistent Service Levels and Delivery~~



Training Measures

REMOVE

~~For Departments responding to high acuity medical calls, no less than 75% of department members shall be certified through NCOEMS as "Emergency Medical Responders" and no less than 50% of members shall be certified as "Emergency Medical Technicians" or above.~~

~~-~~

~~☐ Consistent Service Levels and Delivery~~



Training Measures

REMOVE

~~For departments responding to Echo level medical responses, no less than 75% of department members will have completed "FIP 3016 Emergency Medical Care" and no less than 25% of members shall be certified through NCOEMS as Emergency Medical Technicians or above.~~

-
- ~~☐ Consistent Service Levels and Delivery~~
 - ~~☐ Ties into Training measure # 3~~



Administrative Measures



Administrative Measures

Department will require 100% of **response** members ~~and~~ / employees to participate in an annual fitness for duty examination that is compliant with NFPA 1582. If any **response** member/ employee fails to obtain physician clearance for duty, that **response** member/ employee will not be allowed to participate in fire suppression operations until such time as they are cleared to do so.

- ▣ Firefighter Health and Safety (NFPA 1500)
- ▣ Firefighter Longevity



Administrative Measures

Department shall maintain a North Carolina Response Rating system rating of 6 or less for the entire 5 miles response district (whether within 1000' of a hydrant or not). If departments rating is currently above a 6, the department will submit a plan to the Brunswick County Fire Commission on a rating improvement strategy and make substantial annual progress (As per the Fire Administrator) toward achieving the goal of 6 or less.

- ▣ Lower insurance rates for citizens
- ▣ Efficient Service Delivery

Questions About the Presentation



FY2018-2019 Fire Department Budget Process

- ▣ During FY 2017-2018 process we began using a standard budget template for all departments
- ▣ Plan on standardizing line items in this FY
- ▣ Fire fee legislation mandates “Fire Fee Rate Setting Committee” meeting for each fire district
- ▣ Plan on presenting recommended FD Budget to BOCC on

FY2018-2019 Fire Department Budget Calendar

February 1st, 2018

Budget templates and instructions sent to all Fire Departments.

February 28th, 2018

Requested budgets due to Emergency Services

March 1st-April 30th, 2018

Fire fee rate setting committee meetings

May 21st, 2018

Recommended budget presented to Board of County Commissioners.



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

Action Item # 2. -

From:

Brian Watts

1:45 - Emergency Services - Community Paramedic Program
(Kevin Mulholland, EMS Operations Manager)

Issue/Action Requested:

Request that the Board of County Commissioners receive a presentation on the proposed Community Paramedic program.

Background/Purpose of Request:

Fiscal Impact:

Reviewed By Director of Fiscal Operations

Approved By County Attorney:

Yes

County Manager's Recommendation:

Recommend that the Board of County Commissioners receive a presentation on the proposed Community Paramedic program.

ATTACHMENTS:

Description

- ☐ Emergency Services-Community Paramedic Program

Brunswick County EMS Community Paramedic Proposal

Kevin Mulholland, EMS Operations Manager

Community Paramedics

- Unmet Medical Needs for citizens who are recent hospital and Nursing home discharges; COPD, CVA, CHF..
- Manage County's Medically Fragile Registry
- Oversee Opioid Overdose response and follow up

Community Paramedics

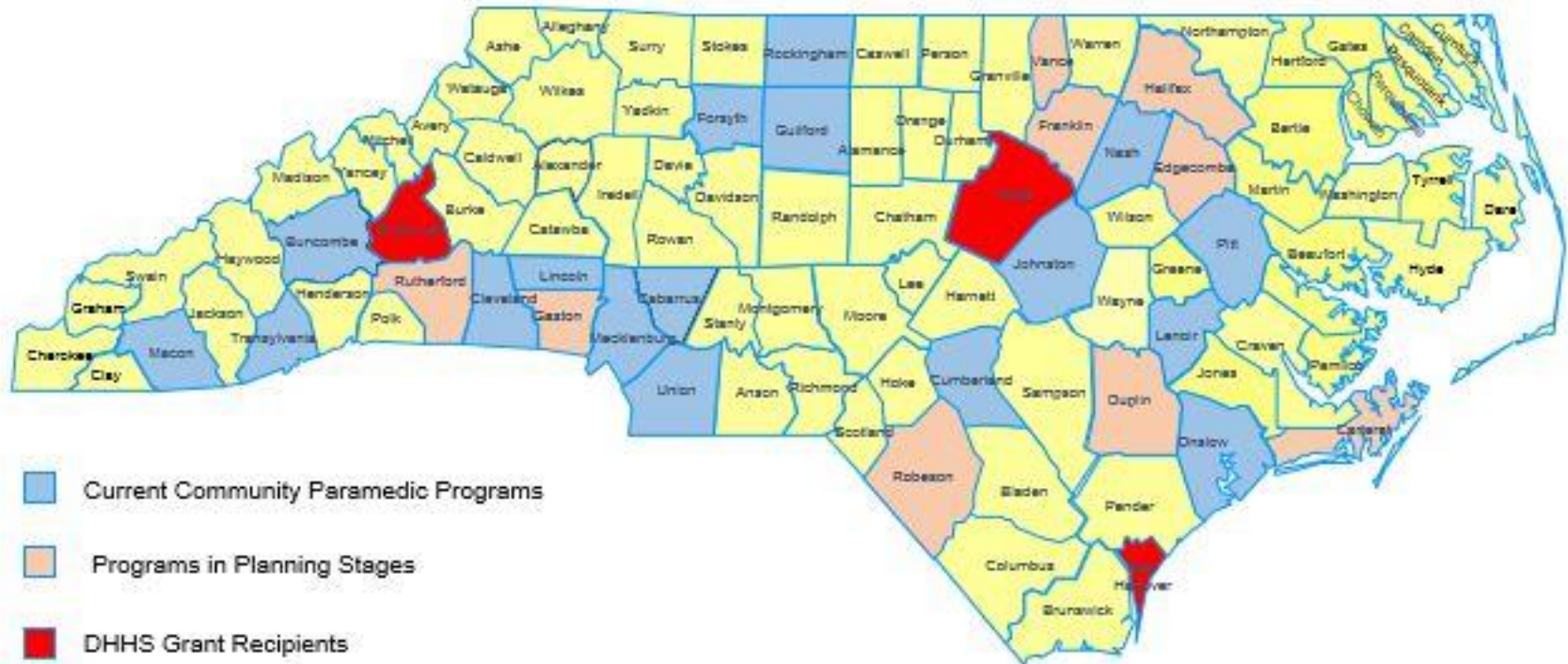
- Follow up visits for high risk Discharges from hospitals and skilled nursing facilities
 - Goal of reducing re-admission
 - Review discharge orders and compliance challenges work with other healthcare providers
 - Education of Patient/family and how to self manage
- Manage the Medically Fragile Registry
 - Disaster planning point of contact
 - Home visit and assessment of needs during emergency

Community Paramedic

- Public Health Crisis Opiate Response
 - Will follow up with every Overdose response
 - Steer patient to available substance abuse services
Reduce “response-resuscitate-relapse”
 - Educate patient of clean needle locations
 - Teach family and friends of proper Naloxone administration

Community Paramedic

- Successful plans Wake, New Hanover and McDowell Counties



Community Paramedic

- Opportunity for Long term Employee Paramedics
- Skill set for critical thinking decision making
- New Career path extend careers
- Paramedic shelf life 5-8 years.
- Only competent compassionate care providers
- Education available with Distant learning from Cape Fear Valley in Fayetteville
- Local facilities would help with clinical hours

Community Paramedic

- Cost projections
 - Personnel:
 - 3 New FTE's
 - Supervisor and 2 Community Paramedics
 - \$200,113
 - Equipment:
 - Vehicle, cardiac monitor, additional medical equipment
 - \$78,000
 - Total Program cost
 - \$278,113
 - Recurring cost \$215,000



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

From:
David Stanley

Action Item # 2. -
2:00 - Health and Human Services - Opioid Task Force Report
Presentation -(David Stanley, Executive Director of Health &
Human Services)

Issue/Action Requested:

Request that the County Commissioners receive a presentation on the Brunswick County Opioid Task Force.

Background/Purpose of Request:

Brunswick County Superior Court Judge Ola Lewis organized an open meeting last year to discuss the epidemic and develop strategies to address it locally. Participants with backgrounds in public health, medicine, the judiciary, law enforcement, and treatment and recovery were invited to collaborate. In addition, members of the faith community, impacted parents, elected officials and the media were also engaged. This early community effort became the Brunswick County Opioid Addiction Task Force with a specific goal to develop an integrated set of solutions.

Fiscal Impact:

Reviewed By Director of Fiscal Operations

Approved By County Attorney:

Yes

County Manager's Recommendation:

Recommend that the County Commissioners receive a presentation on the Brunswick County Opioid Task Force.

ATTACHMENTS:

Description

- ☐ Opioid Task Force Presentation 2-19-2018

Highlights of the Opioid Task Force

David Stanley, HHS

Opioid Task Force: Highlights

Initiatives Underway Now:

Website <http://www.brunswickcountync.gov/health/opioideducation/>

Anchor Initiative <http://www.brunswicksheriff.com/community-programs/anchor-initiative>

County Forums <http://www.ncacc.org/646/County-Opioid-Abuse-Resources>

Trillium PSA <http://www.ncacc.org/646/County-Opioid-Abuse-Resources>

Safe Housing Opportunities: Healing Place, Section 8 Preference, HUD Supportive Housing Program for those with disabilities

Data mapping and collection

Drug take back events

Peer Support Court

Harm Reduction Activities

Additional treatment capacity for treatment and MAT, Trillium contracted to bring a provider on campus





Brunswick County
Social Services

Brunswick County
Health Services

Area Healthcare Providers

**On-Site Mental Health Clinic
(Building F, BC Government Complex)**

- Outpatient Therapy
- Medication Management
- Substance Abuse Intensive Outpatient Program
- Psychiatric Services (On-Site & Telehealth)
- Comprehensive Clinical Assessments for Foster Children
- Therapy Services for Custodial Children w/ Substance Use Disorders
- Assessments for Parents of Children taken into Custodial Care
- Behavioral Health Services offered on Weekends & After-Hours
- Harm Reduction Strategies

Brunswick County
Detention Center

Brunswick County
Drug Court

Brunswick County
Sheriff's Office

Therapy and Assessment
Services

Referrals

Referrals

"warm hand-off" to treatment upon release

Access to MH/SA Counselor

24/7 access to SA/MH services

Opioid Task Force: Highlights

Initiatives Underway Now:

Transportation Support

Data mapping and collection

Drug take back events

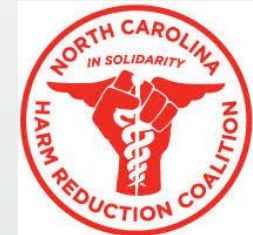
Peer Support Court

Naloxone kits (NC Harm Reduction and Coastal Horizons)

Syringe Exchange Program (NC Harm Reduction and Coastal Horizons)

Medication Lock Boxes (Coastal Horizons and Health Department)

Medication Drop-Off Sites (BCSO, Leland, BSL, Calabash, OIB)



Opioid Task Force: Highlights

Initiatives Underway Now:

Health and Human Services has established contracts with:

- ***Coastal Horizons:*** to provide treatment support for those who don't have any other means
- ***Hope Harbor:*** to help provide emergency shelter and wrap around services to those who are victims of domestic violence
- ***Providence Home:*** to provide emergency shelter and wrap around services to teens in crisis
- **New Hope Clinic:** to help provide health services regardless of ability to pay
- **Brunswick Family Assistance:** to help provide emergency nutrition and other assistance services to those who find themselves in crisis



Opioioid Task Force: Highlights

Budgetary Initiatives to Consider

Prevention Coordinator \$70,000 Annually (3 Year Commitment)

- Assist with substance use disorder prevention education and care coordination
- Stepping Up Initiative

Public Service Announcement \$10,000

Supportive Housing

- “Healing Place,” \$13,000 Per Bed Annually

Community Paramedic Program, Emergency Services

Opioioid Task Force: Highlights

On the Horizon:

- **Federal and State mental health funding issues**
- **State funded public service announcements**
<http://pastop.org/downloadable-media-products/>
- **Study of the treatment needs in the county**
<https://www.trilliumhealthresources.org/sites/default/files/docs/Strategic-Planning-Outcome/Trillium-Gaps-Needs-SFY2016.pdf>
- **CASA Works Program**
- **Cures Act Funding**
- **Stepping Up**

Combined Opioid and Stepping Up Commission Framework Discussion

Groups Charge?

The mission of the Mental Health Commission would be to make advisory recommendations to the Brunswick County Board of Commissioners on mental health and drug addiction

1. Increase public awareness,
2. Engage community members on a large scale,
3. Reduce stigma surrounding addiction and mental health
4. Assess the availability and accessibility of mental health, drug addiction treatment services, and overdose reversal throughout the county, and identify areas that may be underserved
5. Support efforts to expand access to new, evidence-based treatment, to underserved areas
6. Support efforts to divert non-violent drug offenders to recovery and treatment in lieu of incarceration

How Would The Commission Be Formed?

In addition to County Commissioners, representation, from health and human services, planning, community outreach, faith based, medical/treatment providers, and law enforcement/ jail/probation/courts would also be encouraged. A sample membership list could include:

1. Brunswick County Board of Commissioner member (2)
2. Representatives of health care provider organizations from each BOCC district (5)
3. Trillium Southern Regional Representative (1)
4. Public citizens one from each BOCC district and one at large (6)
5. Representatives of municipalities from each BOCC district (5)
6. County Staff (non-voting)



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

From:
David Stanley

Action Item # 2. -
2:15 - Health and Human Services - Stepping Up Report
Presentation - (David Stanley, Executive Director of Health &
Human Services)

Issue/Action Requested:

Request that the County Commissioners receive a presentation on the Stepping Up Initiative.

Background/Purpose of Request:

It is estimated that 2 million people with serious mental illnesses are booked into county jails each year, and that the prevalence of serious mental illnesses in jails is three to six times higher than in the general population. Those with mental illnesses tend to stay in jail longer and are at a higher risk of recidivism upon release, and county jails spend more on adults with mental illnesses than on adults without such treatment needs. Through the Stepping Up initiative, the National Association of Counties, the Council of State Governments Justice Center and the American Psychiatric Foundation encourage public, private and nonprofit partners to reduce the number of people with mental illnesses in jail.

Fiscal Impact:

Reviewed By Director of Fiscal Operations

Approved By County Attorney:

Yes

County Manager's Recommendation:

Recommend that the County Commissioners receive a presentation on the Stepping Up Initiative.

ATTACHMENTS:

Description

- ▣ Stepping Up Report Presentation 2-19-2018

Highlights of the Stepping Up Initiative

David Stanley, HHS

Stepping Up: Highlights

Initiatives Underway Now:

2nd meeting is scheduled for March 19th

- Collecting Jail Data
- Discussing treatment capacity for our area

Referral Process

- Mental Health Treatment
- Supportive Housing

Treatment in Jail

Reaching out to DA and Judges for input



Stepping Up: Highlights

Budgetary Initiatives to Consider:

- Supporting Prevention Coordinator Position

Stepping Up: Highlights

On the Horizon:

Federal and State Mental Health Funding Issues

Study of the treatment needs in the county

<https://www.trilliumhealthresources.org/sites/default/files/docs/Strategic-Planning-Outcome/Trillium-Gaps-Needs-SFY2016.pdf>

Raise the Age Law

Working to answer these questions

1. Is your leadership committed?
2. Do you have timely screening and assessment?
3. Do you have baseline data?
4. Have you conducted a comprehensive process analysis and service inventory?
5. Have you prioritized policy, practice, and funding?
6. Do you track progress?





Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

From:

Action Item # 2. -
2:30 - Afternoon Break

Issue/Action Requested:

Background/Purpose of Request:

Fiscal Impact:

Approved By County Attorney:



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

From:
Ann Hardy

Action Item # 2. -
2:45 - Administration - Draft Enterprise Capital Improvement Plan
(Bill Pinnix, Director of Engineering, John Nichols, Director of
Public Utilities, Bill Early, Director of Brunswick BID)

Issue/Action Requested:
Request that the Board of Commissioners receive information from staff for the Enterprise System Draft
Capital Improvement Plan

Background/Purpose of Request:

Fiscal Impact:
Reviewed By Director of Fiscal Operations

Approved By County Attorney:

County Manager's Recommendation:
Recommend that the Board of Commissioners receive information from staff for the Enterprise System Draft
Capital Improvement Plan

ATTACHMENTS:

Description

- ▣ Enterprise CIP for Goals Workshop 2192018

Preliminary Enterprise CIP

John Nichols, Director of Public Utilities

Bill Pinnix, Director of Engineering Services

William Early, Executive Director of Brunswick BID



Brunswick **BID**

BUSINESS &
INDUSTRY
DEVELOPMENT

Funding Initiatives International Logistics Park & Mid-Atlantic Industrial Rail Park Utilities

BRUNSWICK COUNTY COMMISSIONERS' GOALS WORKSHOP
FEBRUARY 19, 2018

IN PARTNERSHIP WITH

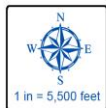


BRUNSWICK COUNTY NORTH CAROLINA

Over 17,000 Acres Zoned Industrial

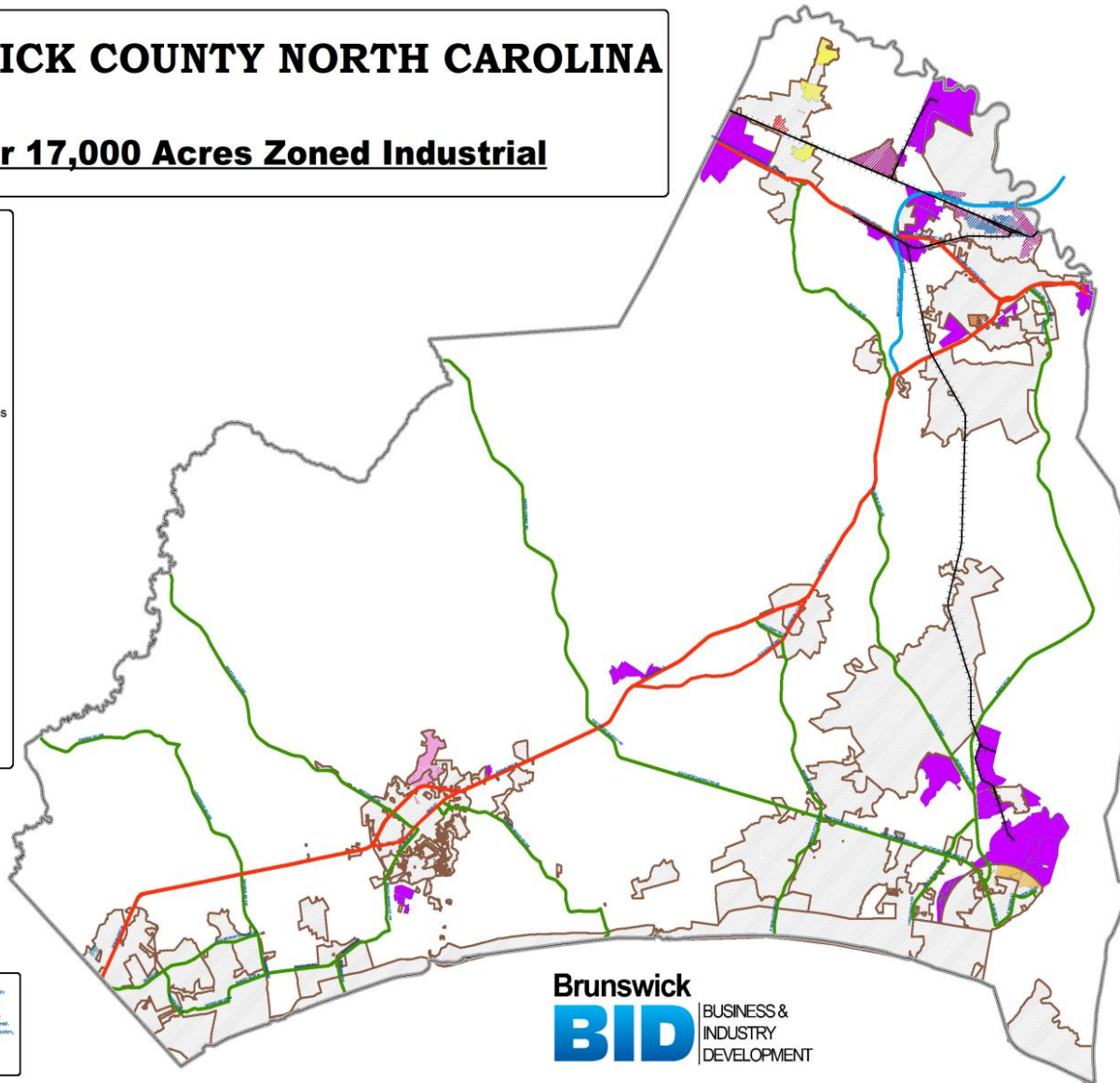
Legend Industrial Zoning

- +++++ Railroad
- Interstate
- NC Hwy
- US Hwy
- Municipal and ETJ Areas
- BE-I
- BO-HI
- CO-IG
- CS-ID
- NA-HI
- NA-LI
- NW-HI
- NW-LI
- SH-HI
- SH-LI
- SJ-CI
- SP-HI
- SP-LI



Brunswick County assumes no legal responsibility for the accuracy, completeness, or accuracy of any information contained on this map. This map may not be accurate or up to date. All map information must be verified by recipient. Grid based on 'NC State Plane Coordinate, NAD 83 Datum, feet.

Brunswick County G.I.S.
2/2018



Brunswick
BID BUSINESS &
INDUSTRY
DEVELOPMENT

Project Scope

Provide water and sewer services to the International Logistics Park which will also serve the Mid-Atlantic Industrial Rail Park.

- ✓ Better positioned to attract new or expanding industrial clients
- ✓ Shovel ready site(s) to meet tight vertical schedules
- ✓ Bring two Mega Sites into alignment with current market demand

Proposed US 74/76 Utilities Improvements



Prepared by Brunswick County Public Utilities

Legend

Existing Utilities

- Force Main
- Gravity
- Low Pressure
- Water Hydrants
- Water Mains
- Columbus County Water Tower
- Columbus County Water Main

Proposed Utilities

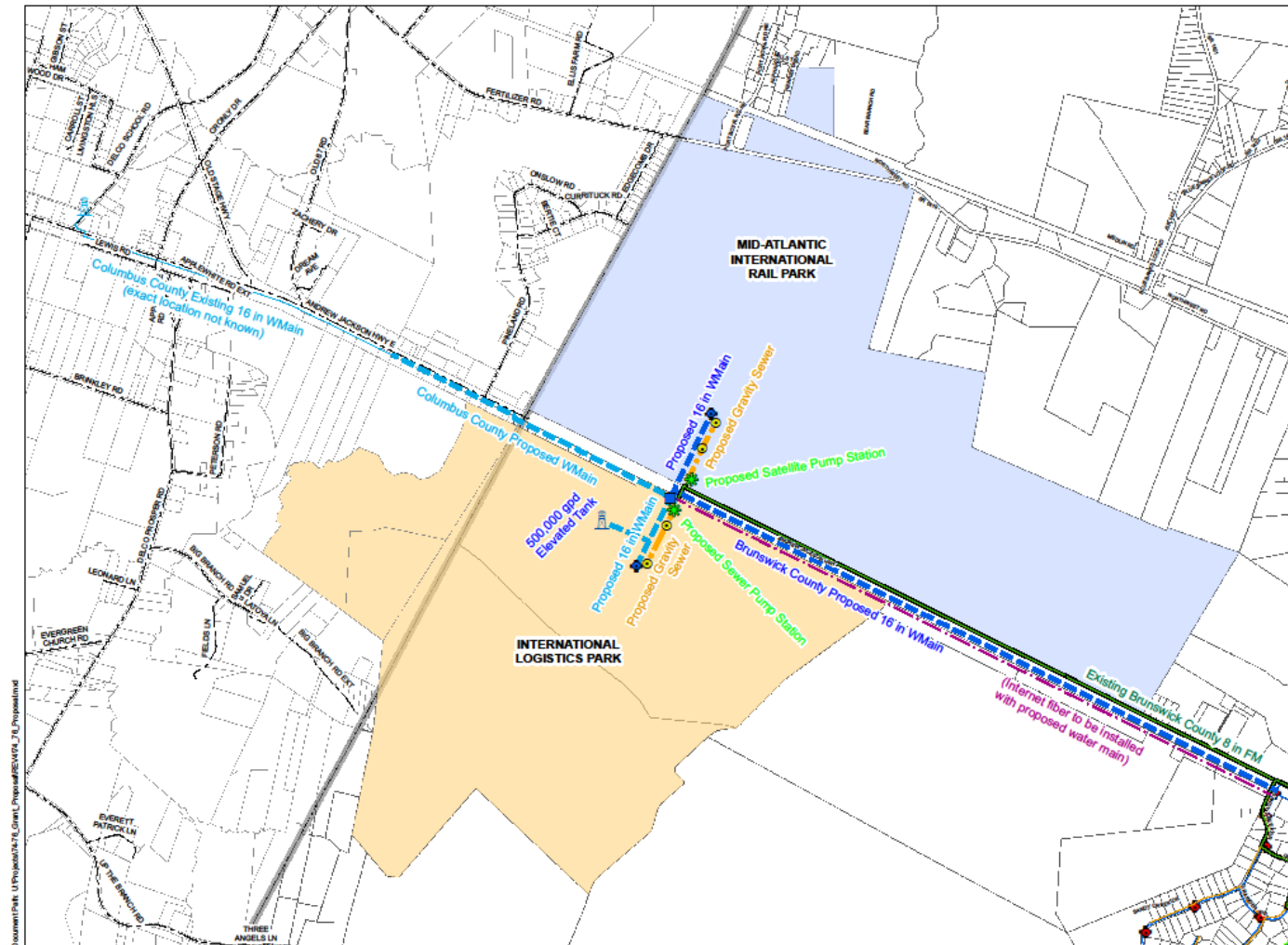
- Proposed Gravity Sewer
- Proposed Brunswick WMain
- Proposed Columbus WMain
- Proposed Fiber Optic Ext
- Proposed Elevated Tank
- Proposed Hydrant
- Proposed Metering Vault
- Proposed Pump Station
- Proposed Manhole
- MAIRP - served by Brunswick
- ILP - served by Columbus Co
- Parcel Boundaries
- County Border



7/7/2017

0 0.050.1 0.2 0.3 0.4 Miles

This map was prepared by Brunswick County Public Utilities. It is not to be used for any other purpose without the written consent of Brunswick County Public Utilities. The map is not a warranty, representation, or guarantee of accuracy. The map is for informational purposes only.



Project Goals

- Short Term:

- ✓ Extend wastewater infrastructure to International Logistics Park (ILP) and Mid-Atlantic Industrial Rail Park (MAIRP)

- Long Term:

- ✓ Extend water infrastructure to ILP and MAIRP
- ✓ 500,000 gal elevated water storage tank for fire suppression

Summary

- Proposed Schedule:
 - ✓ Wastewater infrastructure will be complete in Summer 2019
 - ✓ Waterline extensions and interconnection complete Dec. of 2020
 - ✓ Elevated water tank upon commitment of initial client locating at either of the two mega sites
- Cost to Brunswick:
 - ✓ Wastewater infrastructure = \$0
 - ✓ Water infrastructure TBD
 - ✓ Elevated water tank TBD

Water Capital Improvement Plan -DRAFT

Bill Pinnix, Director of Engineering Services

Water Capital Improvement Plan -DRAFT

Current Projects Status - Funding sources are current capital reserve, pay go and grant proceeds:

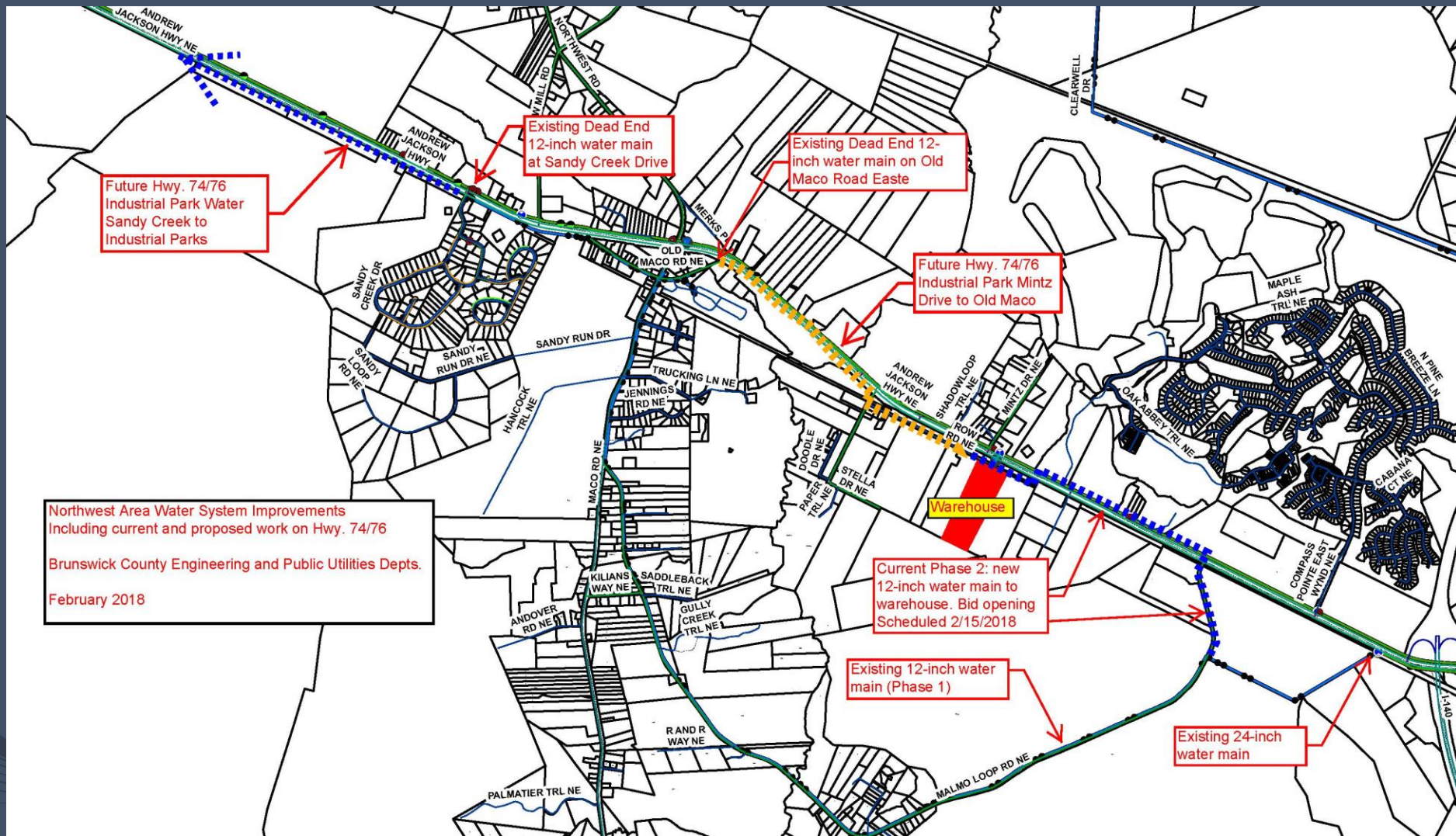
1. Hwy 74/76 Water Main Phases 1 and 2 \$1,500,000 – Phase 1 previously completed, phase 2 bid opening February 2018
2. FY 16 Top 7 and Apollo Water Mains \$4,340,000 – Contract B under construction, Complete June 2018

Highway 74/76 Water Main Phases 1 and 2

- This project designs and installs 12-inch transmission water mains in the Northwest area to provide improved system pressure, flow, and interconnectivity in the region
- Phase 1 was a 2nd feed to the City of Northwest from Hwy. 74/76 along Malmo Loop Road, Maco Road, and back to Hwy. 74/76 at Maco Station. In service May of 2014. This main improved system pressure and flow to Northwest as well as provided a 2nd point of billing
- Phase 2 is a new main from the 12 inch main on Malmo Loop Road near Martin Marietta out to Hwy 74/76 and then proceeds northwest to the large warehouse facility on 74/76. This main will provide fire protection to the warehouse as well as complete a significant section of water transmission main on Hwy 74/76. The county received a Golden Leaf Grant for part of the project funding. Bid opening was 2/15/2018. Construction should begin in mid to late March once awarded.

Water Capital Improvement Plan – DRAFT

Hwy 74/76 Water Main



FY16 Enterprise Water Main Top (7) & Apollo Street

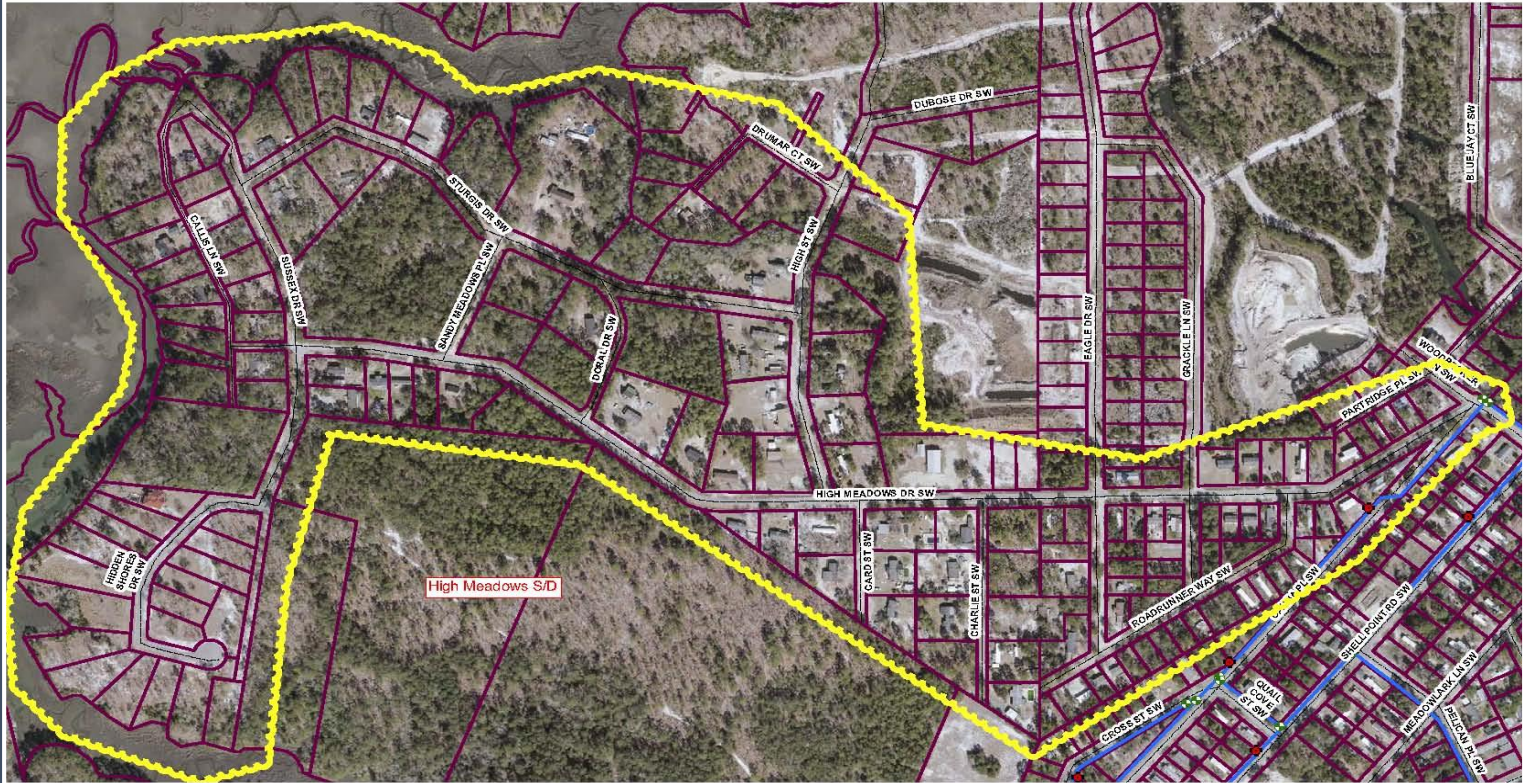
- This project installs water mains in areas based upon project ranking criteria and results from a survey letter sent to the top ten ranked areas
- The FY16 project is fully designed and permitted and set up with four contracts:
- Contract A: Apollo Street (Completed and in service on 6/9/2017)
- Contract B: High Meadows Subdv., Taft Road / Sea Wynd Subdv., Old Town Creek Rd. Bid opening was 9/21/2017. Contract awarded to T. A. Loving Company (\$1,465,000). Notice to Proceed was 1/15/2018 with a (150) day completion timeframe
- Contract C: Ludlum Road, Country Meadows Subdv., and Russtown Road may be bid in FY2018 -19
- Contract D: Big Neck / Mill Branch Road may be bid in FY2019-20
- Additional rankings / surveys will not take place until Contacts A-D are constructed

FY16 Top (7) & Apollo Street Project

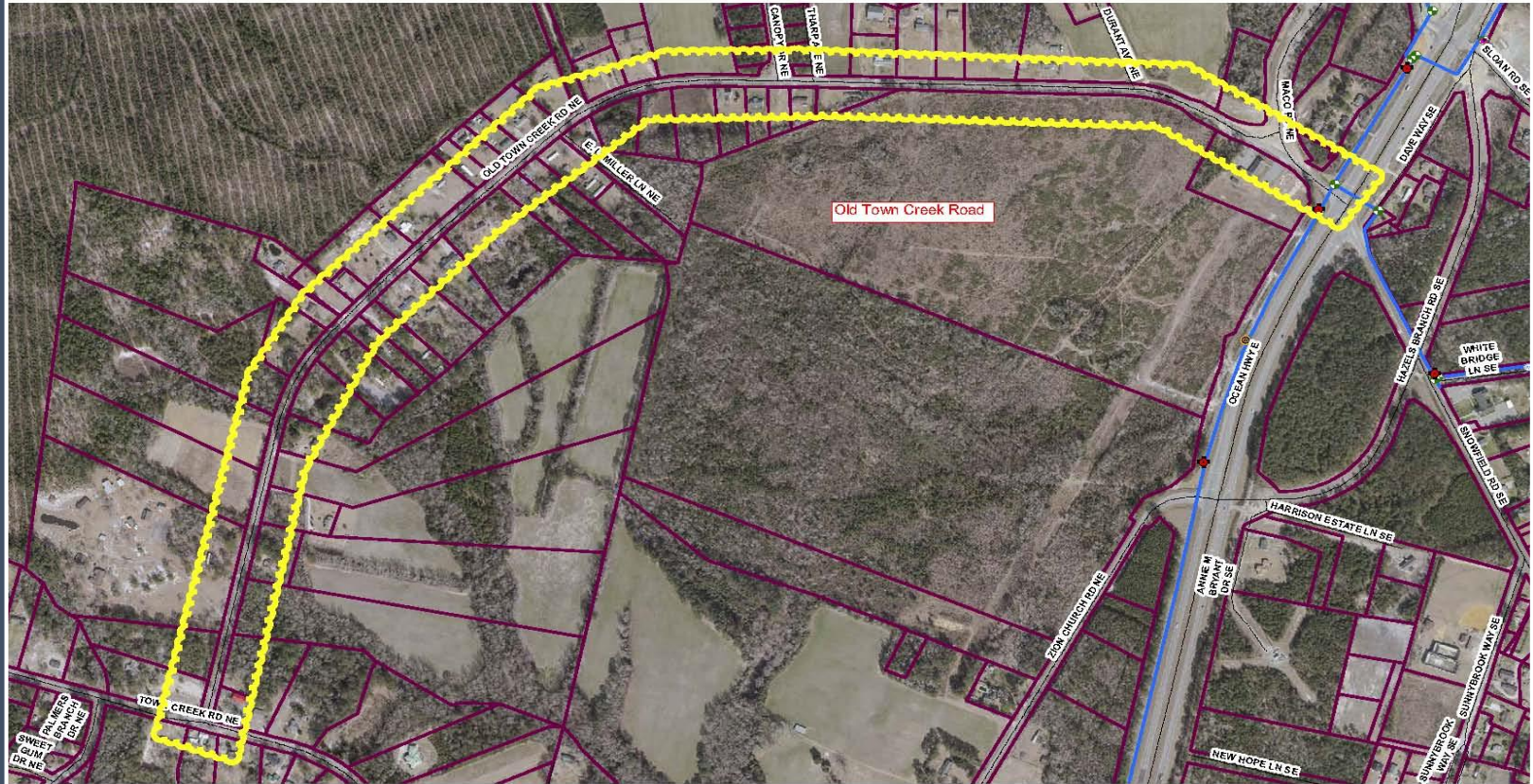
FY17 --- Apollo Street



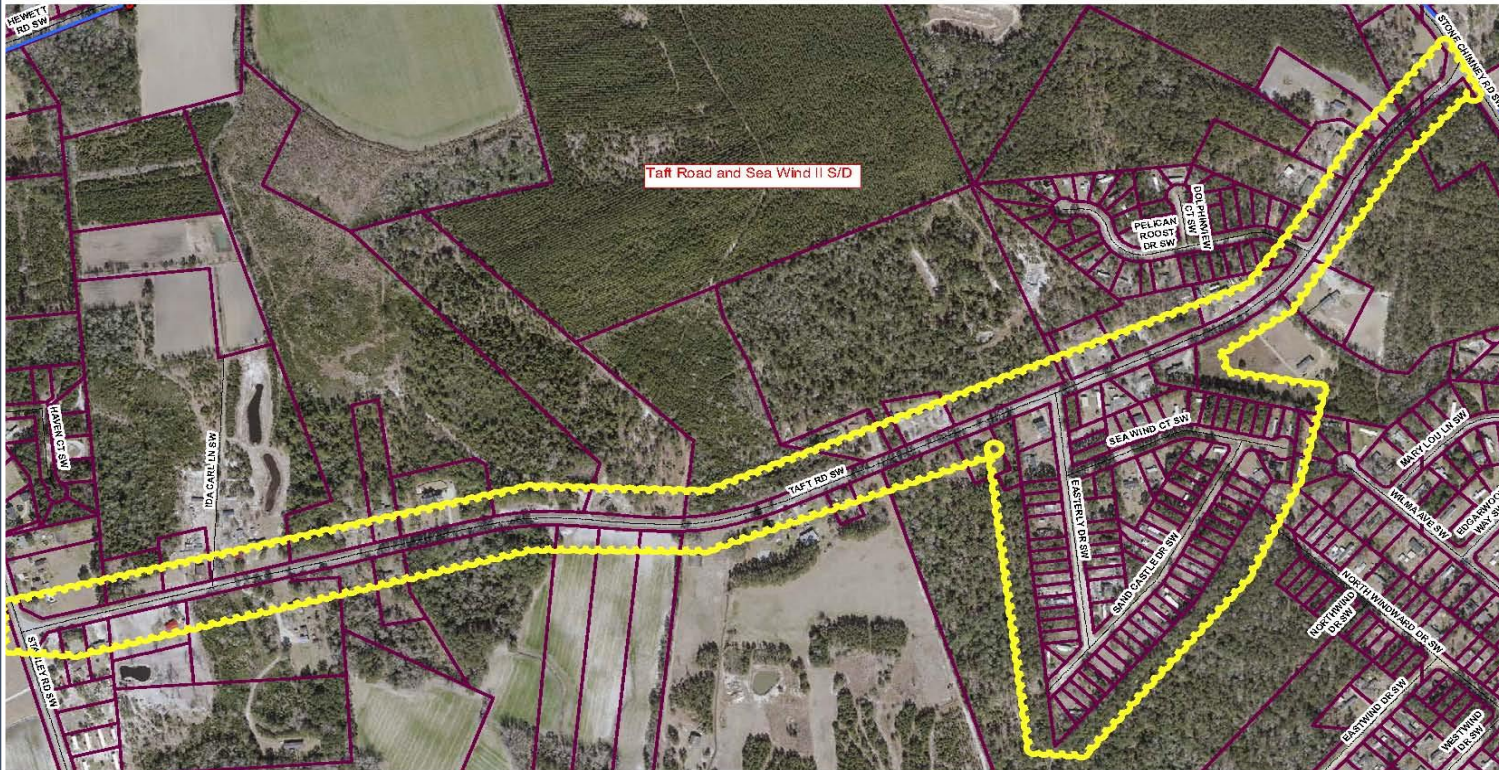
**FY16 Top (7) & Apollo Street Project
FY18 --- High Meadows Subdv., Old Town Creek Rd., & Taft
Rd/Sea Wynd Subdivision**



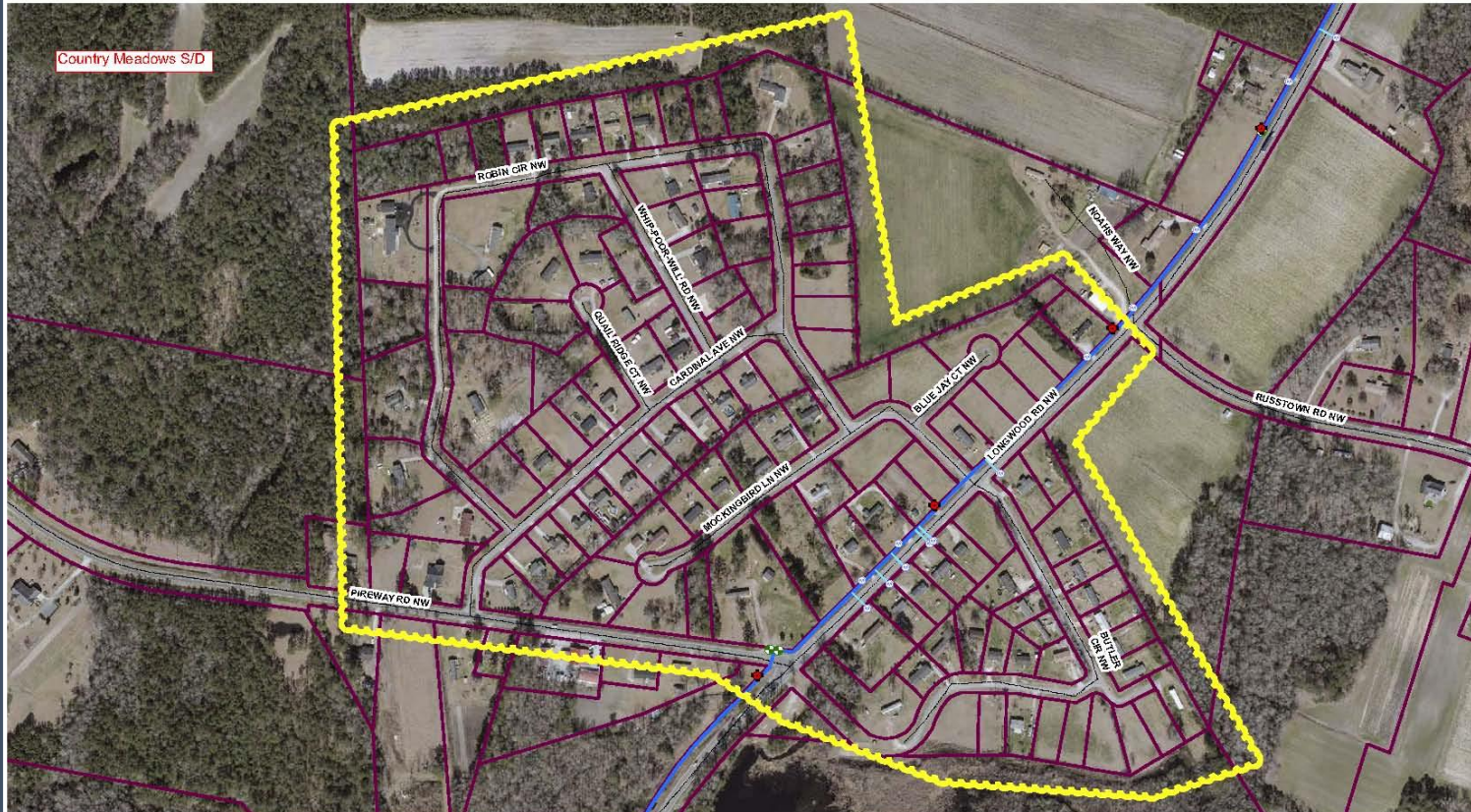
FY16 Top (7) & Apollo Street Project FY18 --- High Meadows Subdv., Old Town Creek Rd., & Taft Rd/Sea Wynd Subdivision



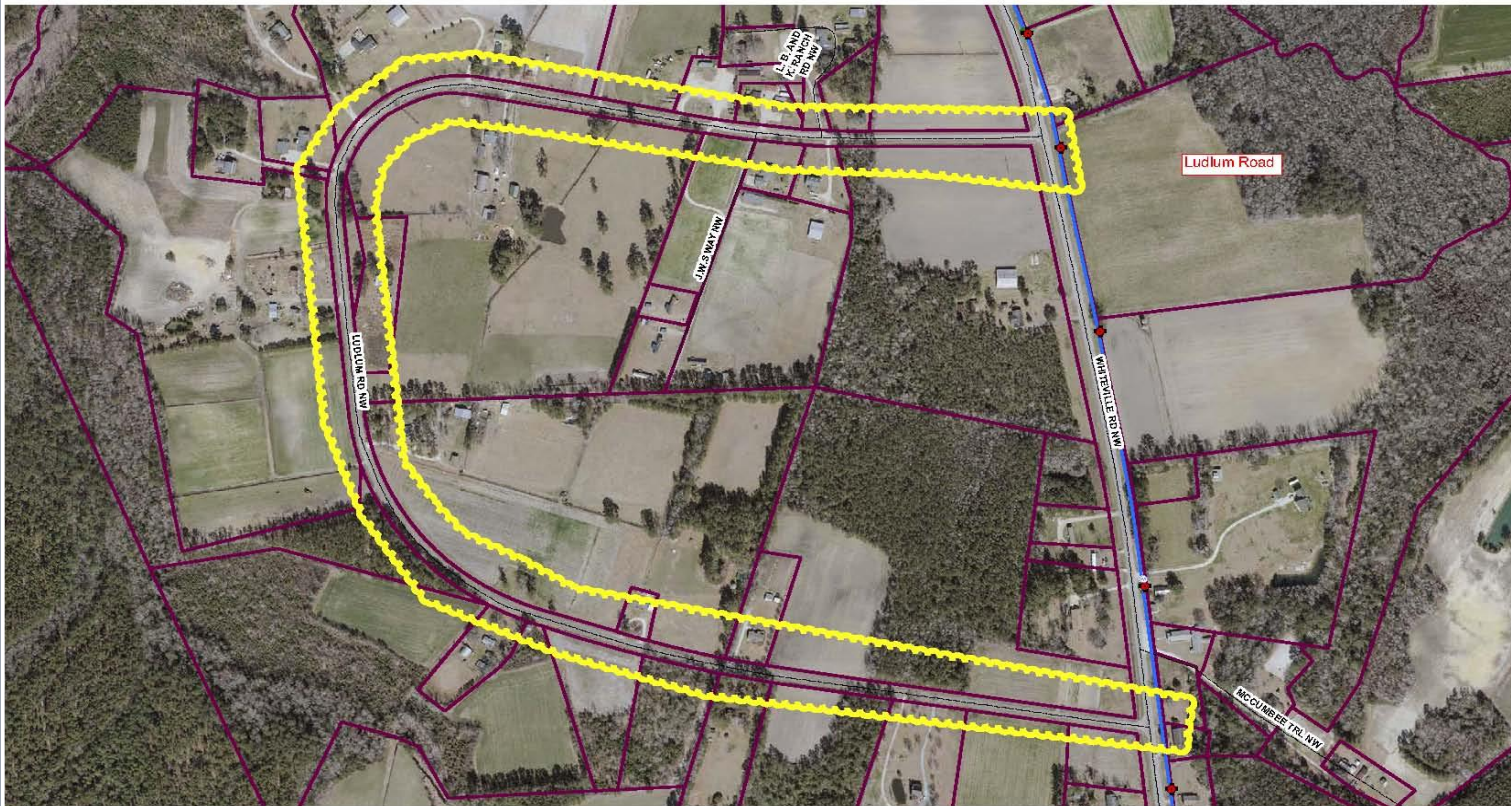
FY16 Top (7) & Apollo Street Project FY18 --- High Meadows Subdv., Old Town Creek Rd., & Taft Rd/Sea Wynd Subdivision



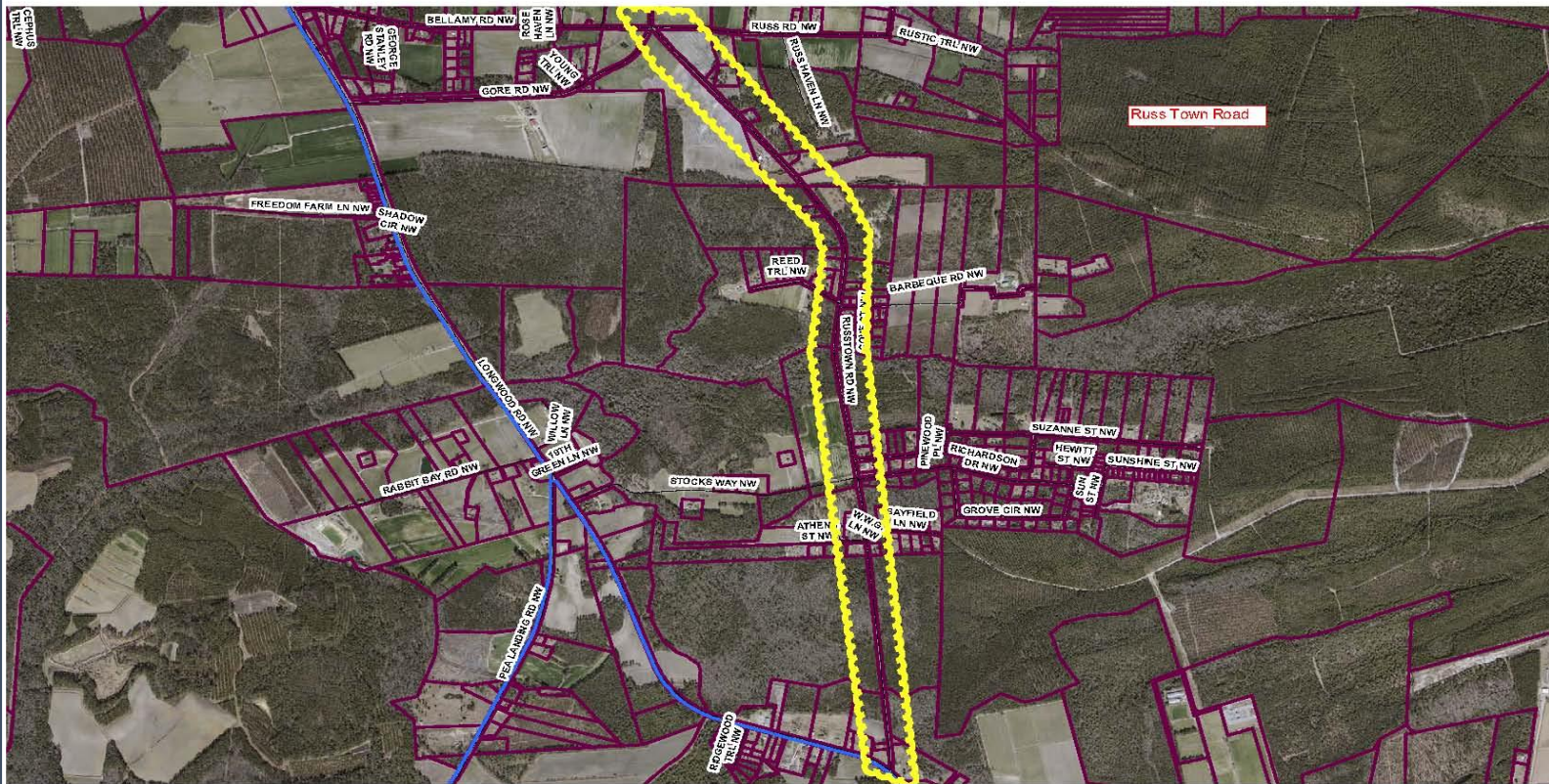
FY16 Top (7) & Apollo Street Project FY19 -- Country Meadows Subdivision, Ludlum Road, and Russ Town Road

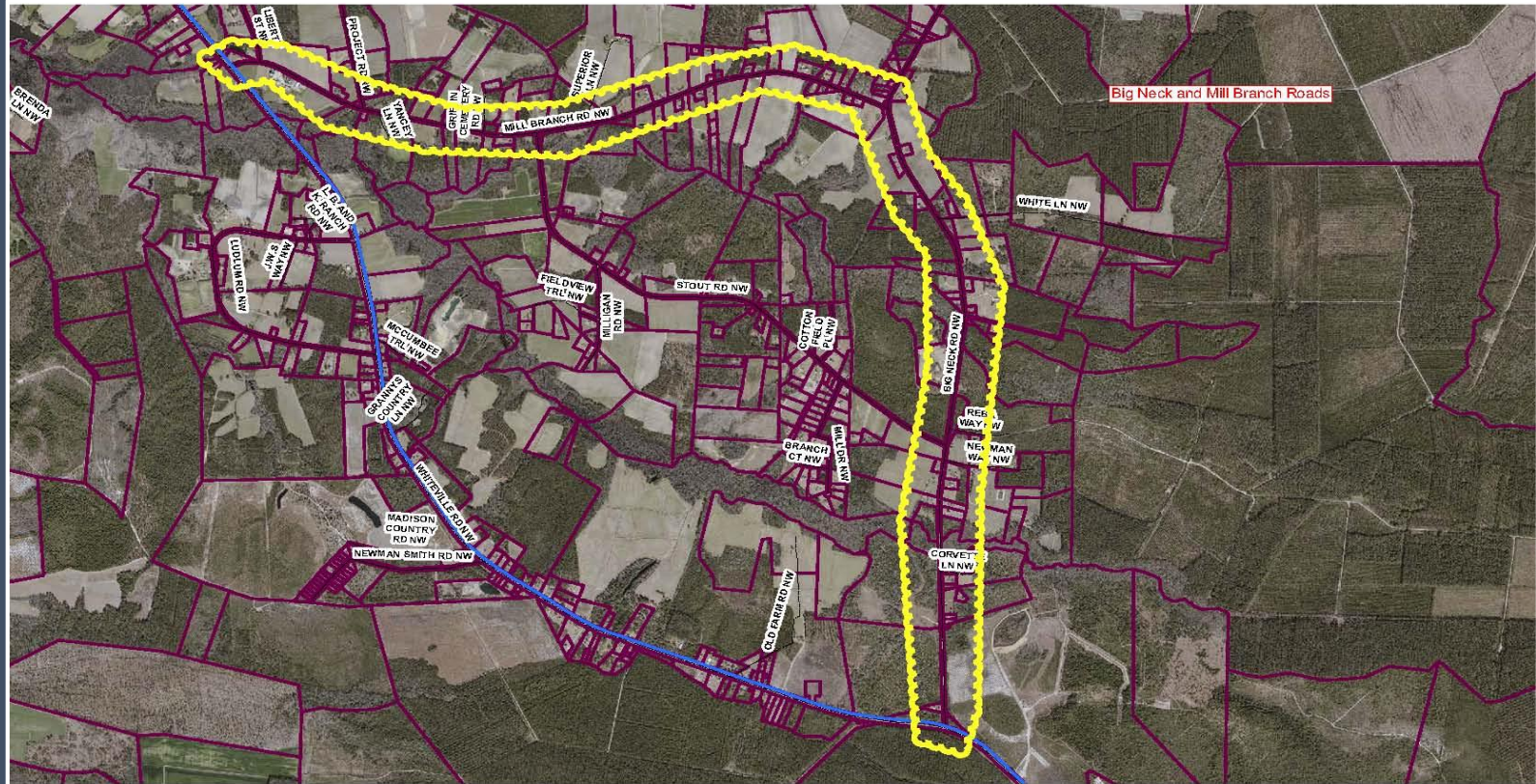


FY16 Top (7) & Apollo Street Project
FY19 -- Country Meadows Subdivision, Ludlum Road, and Russ
Town Road



FY16 Top (7) & Apollo Street Project FY19 -- Country Meadows Subdivision, Ludlum Road, and Russ Town Road





Water Capital Improvement Plan CIP water distribution projects since 2007 – Summary

Project	Total Cost	Total Parcels	Connected Parcels	% Conn	ROI
Carolina Shores North	\$703,724	470	56	11.91%	14.33%
Shingletree Acres	\$367,065	128	64	50.00%	31.38%
Ocean Forest / Sea Castle	\$385,600	243	100	41.15%	46.68%
Smithtown-Cox Landing/Mulligan Way-Old Ferry-Stanley Rd	\$536,279	99	31	31.31%	10.41%
Randolphville – Mt. Zion Ch Rd	\$646,108	145	49	33.79%	13.65%
Middle River – Smith Roads	\$1,002,176	85	9	10.59%	1.62%
Marlowtown Road	\$87,000	50	12	24.0%	24.83%
FY13 Top (7)	\$969,876	204	44	21.57%	8.17%
FY14 Top (6)	\$1,062,369	144	38	26.39%	6.44%
FY15 Top (6) & Snowfield Area	\$1,267,626	200	51	25.50%	6.93%
FY16 Top (7) & Apollo Street Note: Apollo Street Only	\$197,170	43	11	25.58%	10.04%
	Total:	1,811	465 (25.67%)	Average: 27.43%	15.86%

Water Capital Improvement Plan -DRAFT

John Nichols, Director of Public Utilities

Water Capital Improvement Plan -DRAFT

Current Projects Status - Funding sources are current capital reserve, pay go, and debt proceeds:

1. 211 Plant Improvements – Construction Complete
2. Gilbert Road/Bailey Road Water Mains construction – Under Construction
3. Northwest Water Treatment Plant Expansion & Treatment System Improvements – CDM Smith Study Underway and Final Report Due in April

Water Capital Improvement Plan - DRAFT

FY 19 Projects – Funding sources are current capital reserve, reimbursements, pay go funds, and planned debt issue:

Begin Construction(cost estimates are total project cost):

1. NCDOT Hwy 211 Expansion Water Transmission (design completed FY 18, Bid 2019) - \$9,301,155 Reimbursed by NCDOT
2. Sunset Harbor Road Water Main construction (Bid March 2018) – \$530,000

Projects in design (costs are design estimates):

1. Northwest Water Plant - Treatment - \$5,750,000
2. Northwest Water Plant Expansion 12 MGD - \$850,000
3. Hwy 74/76 Industrial Park Water - \$185,000
4. Hwy 74/76 Industrial Park Mintz Dr. to Old Maco - \$65,000
5. Shallotte Water Transmission - \$640,000
6. Utility Operations Center Expansion - \$80,000

Water Capital Improvement Plan - DRAFT

Projects FY 20 and 21 – Pay go and planned debt issues:

Begin Construction FY 20 (cost estimates are total project cost):

1. Northwest Water Plant - Treatment - \$87,150,000
2. Northwest Water Plant Expansion of 12 MGD - \$22,850,000
3. Hwy 74/76 Industrial Park Water Construction - \$3,285,271
4. Shallotte Water Transmission Main - \$3,840,000
5. Utility Operations Center Expansion Construction - \$480,000
6. 54 Inch LCFWSA Parallel Raw Water Main - \$39,560,00 (design in FY 18)

Begin Construction FY 21

1. Southeast Area Improvements - \$2,100,000 (complete design in FY 20 begin construction in FY 21)

Water Capital Improvement Plan - DRAFT

On The Horizon Projects FY 2023 and beyond:

- Hwy 74/76 Industrial Park Mintz Dr. to Old Maco - \$840,000 (design in FY19)
- Highway 211 County Site Water Main Extension - \$760,000
- System Improvement Mains County Funded - \$650,000 (only if feasible based on ROI)
- Asbestos Cement Pipe Replacement Program - \$950,000
- NC 211 Gilbert & Old Lennon Road Improvements - \$1,500,000
- Transmission Improvements Leland to Bell Swamp - \$5,700,000
- Highway 87 Transmission System Improvements - \$5,090,000

Sewer Capital Improvement Plan -DRAFT

Bill Pinnix, Director of Engineering Services

Sewer Capital Improvement Plan -DRAFT

Current Projects Status - Funding sources are current capital reserve reimbursed by property owner assessments:

1. Carolina Shores SAD (29) – Complete Spring 2018

Sewer Capital Improvement Plan -DRAFT

John Nichols, Director of Public Utilities

Sewer Capital Improvement Plan - DRAFT

Current Projects - Funding sources are current capital reserve, pay go, & reimbursement:

1. 2016 Enterprise Funded Main Extensions– Complete March 2018
2. NCDOT Hwy 211 Relocation – In Design, Bid 2019

Sewer Capital Improvement Plan - DRAFT

FY 19 – 21 Projects – Funding sources are current capital reserves, and reimbursement funds. Planned debt issue:

Projects to begin construction in FY 19:

1. NC 211 R-5021 NCDOT Utility Relocation - \$7,648,351 (costs reimbursed)
2. West Brunswick WWTP Plant and Transmission System Expansion to serve Southport - \$25,760,000 (design in FY 19)

Projects to begin construction in FY 20:

1. Northeast Brunswick Regional WWTP Plant and Transmission System Expansion – \$27,600,000 (design in FY 18 & 19)
2. 74/76 Industrial Park - \$2,121,000 (design in FY 19) – Grant Funded

Projects to begin construction in FY 21:

1. Low Pressure Main Extensions - \$700,000

Sewer Capital Improvement Plan - DRAFT

On The Horizon Projects FY 2023 and beyond:

- Transmission Midway Rd to WBRWWTP - \$12,310,971 with Participant share of \$5,460,800
- Ocean Isle WWTP Effluent Disposal Improvements - \$1,600,000
- Transmission System Upgrades - \$1,200,000
- Angel's Trace Force Main Upgrades - \$675,000
- NC 211 Industrial Park Sewer - \$1,700,000
- Ocean Ridge Reclaimed Water Main - \$1,100,000

Wastewater Main Extension Program

- Began in FY 2016
- One Project Completed to date with two locations - BSL & Seaside
- Connections within 90 days pay \$4000 charge
- Encourages wastewater system growth –
Growth = Rate Stabilization
- Intended for low pressure sewer extensions (low cost)

Summary

Project	In Service	Total Cost	Total Revenue	Total Parcels	Connected Parcels	% Connected	ROI to date	Gravity	Breakeven
Seaside	6/2/2017	\$278,192	\$172,000	69	43	62%	62%	0%	4.5 years
BSL	10/2/2017	\$788,371	\$112,000	83	28	34%	14%	84%	18.9 years

- Good payback period with low pressure extensions
- Payback period is excessive with gravity extensions due to initial capital cost

Questions and Discussion



Brunswick County Board of Commissioners
ACTION AGENDA ITEM
February 19, 2018

Action Item # 2. -

From: 3:30 - Closing Remarks - (Commissioners)

Issue/Action Requested:

Background/Purpose of Request:

Fiscal Impact:

Approved By County Attorney: