

COUNTY COUNCIL OF BEAUFORT COUNTY

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AGENDA GOVERNMENTAL COMMITTEE (Includes Public Safety Division)

Monday, April 28, 2014

3:30 p.m.

Executive Conference Room
Administration Building, Government Center

Governmental Committee Members:

Jerry Stewart, Chairman
Laura Von Harten, Vice Chairman
Cynthia Bensch
Rick Caporale
Gerald Dawson
Brian Flewelling
Tabor Vaux

Staff Liaison:

Phil Foot, Division Director

1. CALL TO ORDER – 3:30 P.M

2. DISCUSSION / CAPITAL PROJECT SALES TAX POTENTIAL ISSUES FOR 2014 REFERENDUM BALLOT ([backup](#))

3. ADJOURNMENT

2014 Strategic Plan: Committee Assignments

Business License Fee: Direction

Business Retention and Growth Program: Development and Funding

Economic Development Sites Report (Lowcountry Alliance)

Designated Funding Mechanism for Economic Development: Direction

Lowcountry Economic Alliance: Performance/Activity Report and Funding

Referendum(s) 2014 (Capital, LOST, and Rural and Critical Lands): Direction



Capital Improvement Projects Were Selected Based on The Following Criteria:

- **Need:**
 - **Safety**
 - **Capacity Improvement**
 - **Connectivity**
 - **Multi-modal needs**
 - **Economic Development**
- **Public Requests**
- **Infrastructure Utilization**
- **No Other Funding Available**

A Total of 25 Projects Were Identified Totaling \$89,450,000

PROJECT 2014: 1 - Bluffton Parkway Phase 5B

BEAUFORT COUNTY SALES TAX CIP

PROJECT LOCATION: TOWN OF BLUFFTON

TIME FRAME: 0-5 years

PROJECT SUMMARY:

New construction straightening 3 miles of Bluffton Parkway between Buckwalter Parkway and Buck Island Road.



ESTIMATED TOTAL COST

\$28,000,000

PROJECT BENEFITS:

Allow a more efficient pathway for motorists traveling along Bluffton Parkway between SC Hwy 170 and Buck Island Road

PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - an easier traffic flow will create more traffic bringing tourists and locals to this area of Bluffton Parkway
3. Maintenance Costs - Yes
4. Job Creation - Yes
5. County Improvement - Yes, creation of another route from SC Hwy 170 to the Hilton Head Island bridges
6. Benefit Cost Study - No

PROJECT LOCATION: UNINCORPORATED BEAUFORT COUNTY/TOWN OF BLUFFTON

TIME FRAME: 0-5 years

PROJECT SUMMARY:

This is an adaptive signal control stretching along US Hwy 278 from SC Hwy 170 to Buckingham Plantation Drive.



ESTIMATED TOTAL COST

\$300,000

PROJECT BENEFITS:

These type of signals allow for change signal timing depending on traffic patterns. For example, during beach traffic, holidays and special events. It improves traffic flow by minimizing delay.

PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - Makes Bluffton and Hilton Head more appealing when there is less traffic during high traffic times
3. Maintenance Costs - Does not increase current maintenance costs
4. Job Creation - No
5. County Improvement - Yes, creation of an easier traffic flow through one of the busiest areas of Beaufort County
6. Benefit Cost Study – Yes, Benefit to Cost Ratio of 10 to 1

PROJECT 2014: 3 - Planning and Engineering of US 278 Widening to Hilton Head Island (HHI Gateway)

BEAUFORT COUNTY SALES TAX CIP

PROJECT LOCATION: TOWN OF HILTON HEAD ISLAND

TIME FRAME: 5-15 years

PROJECT SUMMARY:

Widening the current Hilton Head Island bridges from 4 to 6 lanes. Once on Hilton Head Island, US Hwy 278 will be widened from 4 lanes to 6 lanes to Squire Pope Road.



ESTIMATED TOTAL COST

\$5,000,000

PROJECT BENEFITS:

The Hilton Head Island bridges are approaching the end of their lifespan. SCDOT does not currently have this project on any list to be replaced. This section of US Hwy 278 is currently over capacity. New bridges and more lanes will accommodate a very high trafficked area.

PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - No
3. Maintenance Costs - Does not increase current maintenance costs
4. Job Creation - No
5. County Improvement - Yes, creation of an easier traffic flow through one of the busiest areas of Beaufort County.
6. Benefit Cost Study - No

PROJECT LOCATION: TOWN OF HILTON HEAD ISLAND

TIME FRAME: 0-5 years

PROJECT SUMMARY:

This would change the way residents and guests enter and exit Windmill Harbour.



ESTIMATED TOTAL COST

\$5,000,000

PROJECT BENEFITS:

The new intersection would create a more efficient and safer entrance for residents, guests and motorists driving by the subdivision along US Hwy 278.

PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - None
3. Maintenance Costs - Yes
4. Job Creation - No
5. County Improvement - Yes, this project will improve the safety for Windmill Harbour residents as well as any motorist driving by the subdivision along US Hwy 278.
6. Benefit Cost Study - No

PROJECT 2014: 5 – US 278 Pickney Island Wildlife Connection/ Haig Point Boat Landing (HHI Gateway)

BEAUFORT COUNTY SALES TAX CIP

PROJECT LOCATION: TOWN OF HILTON HEAD ISLAND

TIME FRAME: 0-5 years

PROJECT SUMMARY:

New intersection construction for entering and exiting Pickney Island Wildlife and Haig Point Boat Landing.



ESTIMATED TOTAL COST

\$3,500,000

PROJECT BENEFITS:

Safety and access improvement.
Prior studies have been completed for USFW supporting the extension of turn lanes and connection under the bridge.

PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - None
3. Maintenance Costs - Does not increase current maintenance costs
4. Job Creation - No
5. County Improvement - Yes, creation of safer entrance and exit for Beaufort County residents and tourists
6. Benefit Cost Study - No

PROJECT 2014: 6 -US 278 Access Management

BEAUFORT COUNTY SALES TAX CIP

PROJECT LOCATION: UNINCORPORATED BEAUFORT COUNTY

TIME FRAME: 0-5 years

PROJECT SUMMARY:

Modifications made to the following median openings on US 278:

Tanger 2 (New Mast Arms)

Hilton Head BMW (Left Turn Lane)

Old Navy (Eliminate Left Turns Out)

Gatherings (Eliminate Left Turns Out)



ESTIMATED TOTAL COST

\$2,500,000

PROJECT BENEFITS:

Modifications of median crossovers on US 278 to allow for safer crossings. Improved left-turn lanes and elimination of dangerous movements with high conflict potential.

PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - None
3. Maintenance Costs - Yes
4. Job Creation - No
5. County Improvement – Yes, creation of safer intersections along a very busy section of US 278
6. Benefit Cost Study - No

PROJECT 2014: 7 - Spanish Moss Trail

BEAUFORT COUNTY SALES TAX CIP

PROJECT LOCATION: CITY OF BEAUFORT

TIME FRAME: 0-5 years

PROJECT SUMMARY:

Construction will include a multi-use pathway and the building of a bridge over Robert Smalls Parkway.



PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated – By creating pathways like this, Beaufort becomes more appealing for marathons and races to come to the area bringing money into the local economy
3. Maintenance Costs – this project will not raise current maintenance costs
4. Job Creation - No
5. County Improvement - Yes, creation of more pathways for residents promotes healthy activity.
6. Benefit Cost Study - No

PROJECT BENEFITS:

Will allow pedestrian and bicycle connections to Beaufort, Port Royal, Burton, Laurel Bay and many other residential and commercial areas via one single trail.



ESTIMATED TOTAL COST

\$9,000,000

PROJECT 2014: 8 - Depot Road

BEAUFORT COUNTY SALES TAX CIP

PROJECT LOCATION: CITY OF BEAUFORT

TIME FRAME: 0-5 years

PROJECT SUMMARY:

Construction of 0.4 miles of sidewalk from Ribaut Road to the Spanish Moss Trail.



PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - Yes
3. Maintenance Costs – does not increase current maintenance costs
4. Job Creation - Yes
5. County Improvement - Yes, creation of pathways promotes activity and opportunities.
6. Benefit Cost Study - No

PROJECT BENEFITS:

Allowing the public access to walk or bike along Ribaut Road, down Depot Road to the Spanish Moss Trail safely.



ESTIMATED TOTAL COST

\$500,000

PROJECT 2014: 9 - Salem Road

BEAUFORT COUNTY SALES TAX CIP

PROJECT LOCATION: UNICORPORTATED
BEAUFORT COUNTY/CITY OF BEAUFORT

TIME FRAME: 0-5 years

PROJECT SUMMARY:

Pathway construction for 0.9 mile
from Robert Smalls Parkway to
Battery Point.



PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - Yes
3. Maintenance Costs – Does not increase current maintenance costs
4. Job Creation - No
5. County Improvement - Yes, creation of a safer pathway for bikers and pedestrians
6. Benefit Cost Study - No

PROJECT BENEFITS:

Provides safer connection between
Battery Point to pedestrian facilities
on Robert Smalls Parkway and the
Spanish Moss Trail.



ESTIMATED TOTAL COST

\$1,000,000

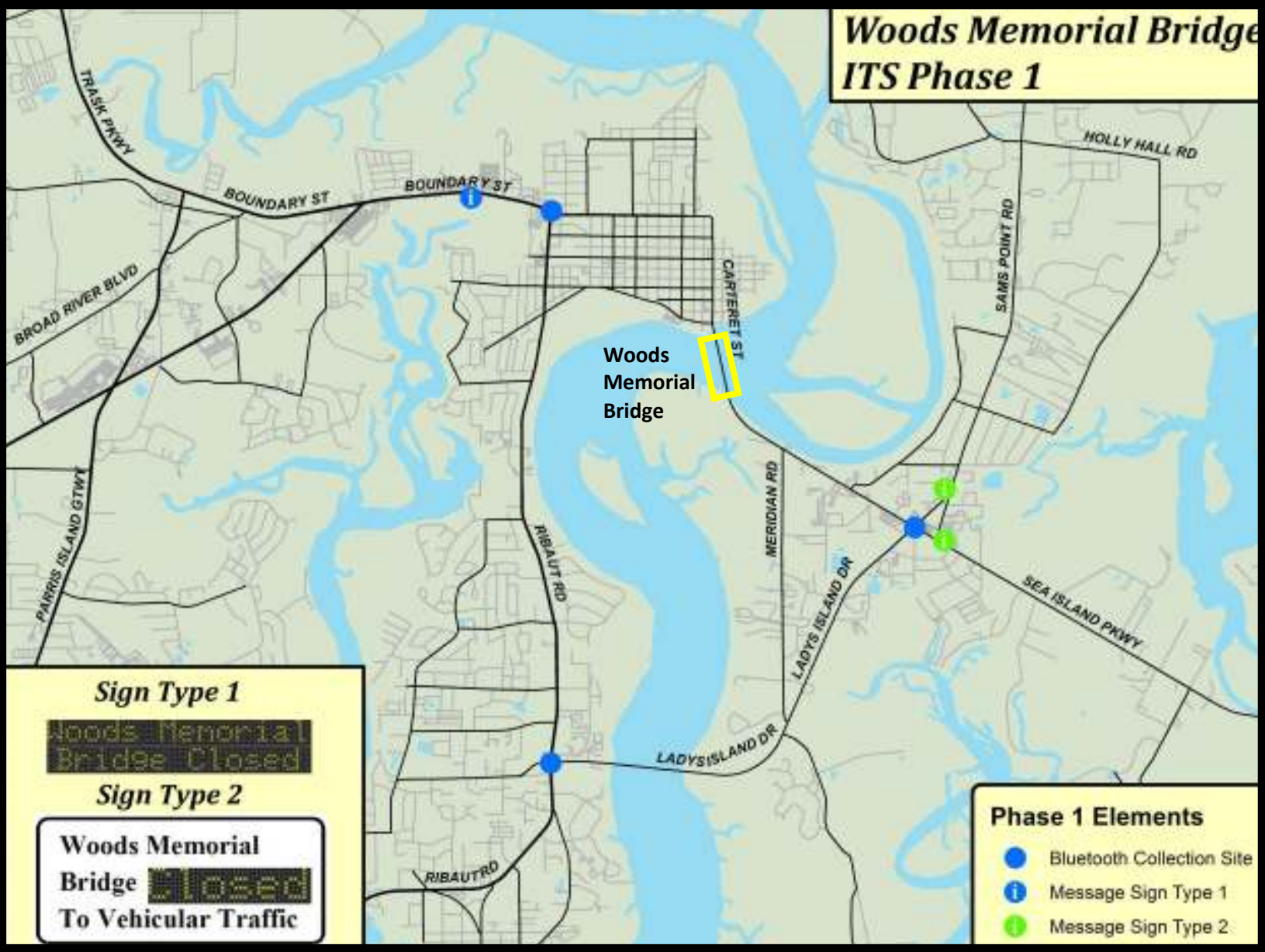
PROJECT LOCATION: CITY OF BEAUFORT

TIME FRAME: 0-5 years

PROJECT SUMMARY:

Road network surrounding the Woods Memorial Bridge allowing it to notify motorists when the bridge is about to open and informing drivers of alternate routes.

- PROJECT CRITERIA:
- 1. Other sources of money - None
 - 2. Revenue Generated - None
 - 3. Maintenance Costs –Does not increase current maintenance costs
 - 4. Job Creation - No
 - 5. County Improvement - Yes, less congestion creates a better traffic environment for residents and tourists
 - 6. No



PROJECT BENEFITS:

Will decrease congestion and delay at the Woods Memorial Bridge and on the surrounding network.

ESTIMATED TOTAL COST

\$400,000

PROJECT 2014: - 11 Bluffton Parkway Phase 1 Pathway Completion

BEAUFORT COUNTY SALES TAX CIP

PROJECT LOCATION: TOWN OF BLUFFTON

TIME FRAME: 0-5 years

PROJECT SUMMARY:

Provides 0.1 mile of sidewalk along Bluffton Parkway between the roundabout at SC 46 and Bluffton Parkway and the offices at Myrtle Park.



ESTIMATED TOTAL COST

\$150,000

PROJECT BENEFITS:

This will connect two existing sections of an already existing multi-use pathway providing a safer route for pedestrians.

PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - None
3. Maintenance Costs - Does not increase current maintenance costs
4. Job Creation - No
5. County Improvement - Yes, it provides a safer way for those living or working near this area who must use the sidewalk to reach their destination.
6. Benefit Cost Study - No

PROJECT 2014: 12 – Alignment Adjustments to Bluffton Pkwy/ SC 46 Roundabout

BEAUFORT COUNTY SALES TAX CIP

PROJECT LOCATION: TOWN OF BLUFFTON

TIME FRAME: 0-5 years

PROJECT SUMMARY:

Redesign and construction of the SC 46 and Bluffton Parkway Roundabout. The existing roundabout will remain in place. The approaching roads will be slightly re-aligned to allow for better traffic flow and reduced accident potential.



PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - an easier traffic flow will create more traffic bringing tourists and locals to this area of Bluffton Parkway
3. Maintenance Costs - Yes
4. Job Creation - Yes
5. County Improvement - Yes, creation of another route from SC Hwy 170 to the Hilton Head Island bridges
6. Benefit Cost Study - No

PROJECT BENEFITS:

Modifications to this existing roundabout will correct flaws in the design that will allow for safer passage through the roundabout.



ESTIMATED TOTAL COST

\$1,500,000

PROJECT 2014: 13 - Burnt Church Road, MC Riley, Ulmer Rd., Pathway and Intersection Improvements

BEAUFORT COUNTY SALES TAX CIP

PROJECT LOCATION: TOWN OF BLUFFTON

TIME FRAME: 0-5 years

PROJECT SUMMARY:

Provides 2 miles of bike and pedestrian connections as well as sidewalks to residential areas. A roundabout will be built at Burnt Church Road and Bruin Road. Pedestrian and bike access will be created for 0.7 miles connecting PALS and MC Riley Elementary School.

PROJECT BENEFITS:

Creating more bike and pedestrian pathways throughout the county improves mobility of residents and makes it easier for residents to reach their destination. The new roundabout will correct safety concerns.



PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - Yes
3. Maintenance Costs – Does not increase current maintenance costs
4. Job Creation - No
5. County Improvement - Yes, creation of safer pathways and roadways improves the lives of those living in the area.
6. Benefit Cost Study - No



ESTIMATED TOTAL COST

\$3,750,000

PROJECT 2014: 14 - Lake Point Dr. and Old Miller Rd. Pathways & Connections

BEAUFORT COUNTY SALES TAX CIP

PROJECT LOCATION: TOWN OF BLUFFTON

TIME FRAME: 0-5 years

PROJECT SUMMARY:

1 mile of pathway construction and new 2-lane connector with pathways from Sandy Point Drive to Old Miller Road. Traffic calming will be added.



PROJECT BENEFITS:

Pathway and traffic calming will provide safer travel for residents and guests. Provides an alternate route for emergency vehicles to go from May River Road to Buckwalter Parkway.

PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - Yes
3. Maintenance Costs – Does not increase current maintenance costs
4. Job Creation - No
5. County Improvement - Yes, creation of safer pathways and roadways improve the lives of those living in the area
6. Benefit Cost Study - No



ESTIMATED TOTAL COST

\$2,100,000

PROJECT 2014: 15 - Joe Frazier Road

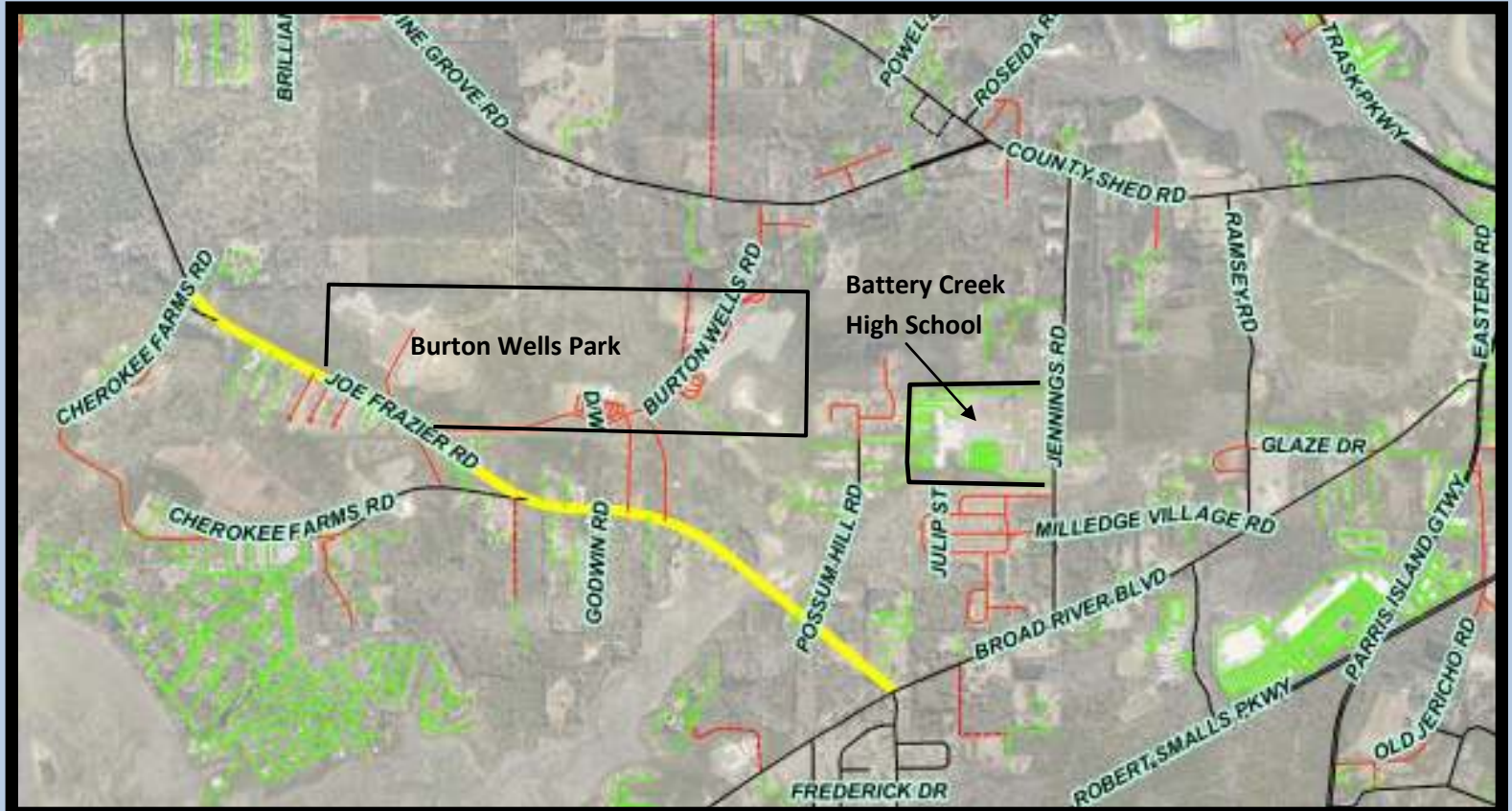
BEAUFORT COUNTY SALES TAX CIP

PROJECT LOCATION: UNINCORPORATED BEAUFORT COUNTY

TIME FRAME: 0-5 years

PROJECT SUMMARY:

Turn lanes, bike and pedestrian improvements will be made to 2.1 miles of Joe Frazier Road and will add turn lanes on Joe Frazier Road.



ESTIMATED TOTAL COST

\$7,000,000

PROJECT BENEFITS:

Provides bike and pedestrian connections to residential areas along Joe Frazier Road, Burton Wells Recreation Complex and existing facilities on Broad River Boulevard. The addition of turn lanes will improve capacity and efficiency of the roadway.

PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - Yes
3. Maintenance Costs - Does not increase current maintenance costs
4. Job Creation - No
5. County Improvement – Yes, allows residents in this area to be able to safely walk and bike to their destination.
6. Benefit Cost Study - No

PROJECT LOCATION: UNINCORPORATED BEAUFORT COUNTY & TOWN OF PORT ROYAL

TIME FRAME: 0-5 years

PROJECT SUMMARY:

Re-build the existing intersection to allow dual left turn lanes at the intersection of Parris Island Gateway and Savannah Highway. New mast arms would also be installed.



ESTIMATED TOTAL COST

\$750,000

PROJECT BENEFITS:

Currently there is only one left turn lane for traffic moving northbound causing congestion. A second left turn lane would be added to improve traffic flow.

PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - None
3. Maintenance Costs - Does not increase current maintenance costs
4. Job Creation - No
5. County Improvement - Yes, creation of an easier and safer traffic flow for a busy intersection
6. Benefit Cost Study - No

PROJECT 2014: 17 - Port Royal Spine Road

BEAUFORT COUNTY SALES TAX CIP

PROJECT LOCATION: TOWN OF PORT ROYAL

TIME FRAME: 0-5 years

PROJECT SUMMARY:

New 0.9 miles of roadway along existing railroad right-of-way connecting the Port of Port Royal to Ribaut Road.



PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated – Yes
3. Maintenance Costs – Yes
4. Job Creation - Yes
5. County Improvement - Yes, creation of pathways promotes activity and opportunities.
6. Benefit Cost Study - No

PROJECT BENEFITS:

Presents commercial and residential development opportunities.



ESTIMATED TOTAL COST

\$5,000,000

PROJECT LOCATION: MULTIPLE MUNICIPALITIES
TIME FRAME: 0-5 years

PROJECT SUMMARY:

Replacement of the following existing span wire intersections:

- SC 170 at Callawassie
- SC 170 at Riverbend
- US 278 at Tanger 2
- US 278 at Tanger 1
- US 278 at SC 46
- US 278 at Malphrus
- Ribaut Road at Duke St
- Ribaut Road at North St
- Rlbaut Road at Bay St
- Ribaut Road at Hermitage St
- Sea Island Pkwy at Beaufort High
- May River Road at Buck Island Rd



PROJECT BENEFITS:

Mast arms are more durable than the traditional span wire intersection and are capable of handling 130 mph winds. This will minimize destruction of the signal system during a tropical storm or hurricane type event. Improved aesthetics and reduced maintenance costs.

PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - None
3. Maintenance Costs – Does not increase current maintenance costs
4. Job Creation - No
5. County Improvement – Yes, creation of safer intersections without raising maintenance costs
6. Benefit Cost Study - No

ESTIMATED TOTAL COST

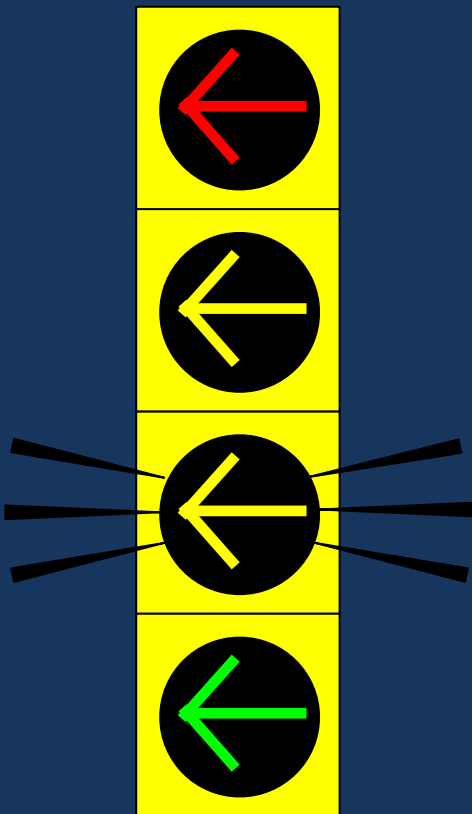
\$2,000,000

PROJECT LOCATION: MULTIPLE MUNICIPALITIES

TIME FRAME: 0-5 years

PROJECT SUMMARY:

Replacement of current traffic signals, countywide, with new left turn signal displays.



PROJECT BENEFITS:

Flashing yellow arrow signal heads have been shown to reduce crashes, decrease driver confusion and decrease delay. In addition, they provide more flexibility to handle variable traffic volumes.

PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - None
3. Maintenance Costs – Yes
4. Job Creation - No
5. County Improvement – Yes, creation of safer intersection for Beaufort County motorists
6. Benefit Cost Study - No

ESTIMATED TOTAL COST

\$500,000

PROJECT LOCATION: MULTIPLE MUNICIPALITIES

TIME FRAME: 0-5 years

PROJECT SUMMARY:

20 current traffic signals throughout Beaufort County would have battery backup power installed allowing the intersections to operate during a power outage.

PROJECT BENEFITS:

This helps prevent gridlock and dangerous situations during a power outage. Also, this keeps officers out of the intersection during a power outage.

PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - None
3. Maintenance Costs – Yes
4. Job Creation - No
5. County Improvement – Yes, creation of safer intersections for motorists who are driving during a power outage
6. Benefit Cost Study - No

ESTIMATED TOTAL COST

\$500,000

PROJECT 2014: 21 - Sea Island Parkway (US-21) @ Ladys Island Drive (US-21B) Intersection Rebuild

BEAUFORT COUNTY SALES TAX CIP

PROJECT LOCATION: CITY OF BEAUFORT

TIME FRAME: 0-5 years

PROJECT SUMMARY:

Rebuild the intersection at Sea Island Parkway and Ladys Island Drive by installing new mast arms to correct failing poles. Implement new signal phasing.



PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - None
3. Maintenance Costs – Does not increase current maintenance costs
4. Job Creation - No
5. County Improvement - Yes, creation of a safer intersection for Beaufort County motorists
6. Benefit Cost Study - No

PROJECT BENEFITS:

The current signal support poles are failing, which creates a potential safety hazard. The new mast arm and signal phasing will create a safer, more efficient intersection.



ESTIMATED TOTAL COST

\$2,000,000

PROJECT 2014: 22 - Meridian Road

BEAUFORT COUNTY SALES TAX CIP

PROJECT LOCATION: UNINCORPORATED
BEAUFORT COUNTY

TIME FRAME: 0-5 years

PROJECT SUMMARY:

Provides 1.6 miles of bike and pedestrian connections along Meridian Road to bike and pedestrian facilities on Ladys Island Drive and Sea Island Parkway.



PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - Yes
3. Maintenance Costs – Does not increase current maintenance costs
4. Job Creation - No
5. County Improvement - Yes, creation of a safer pathway for bikers and pedestrians
6. Benefit Cost Study - No

PROJECT BENEFITS:

The completion of this bike and pedestrian connection will provide a safe pedestrian connection between Ladys Island Drive and downtown Beaufort.



ESTIMATED TOTAL COST

\$1,500,000

PROJECT 2014: 23 - Middle Road/Coosa Safe Routes to School (SRTS)

BEAUFORT COUNTY SALES TAX CIP

PROJECT LOCATION: UNINCORPORATED
BEAUFORT COUNTY

TIME FRAME: 0-5 years

PROJECT SUMMARY:

2.4 miles of pathway construction
between Brickyard/Sams Point to
Springfield Rd.

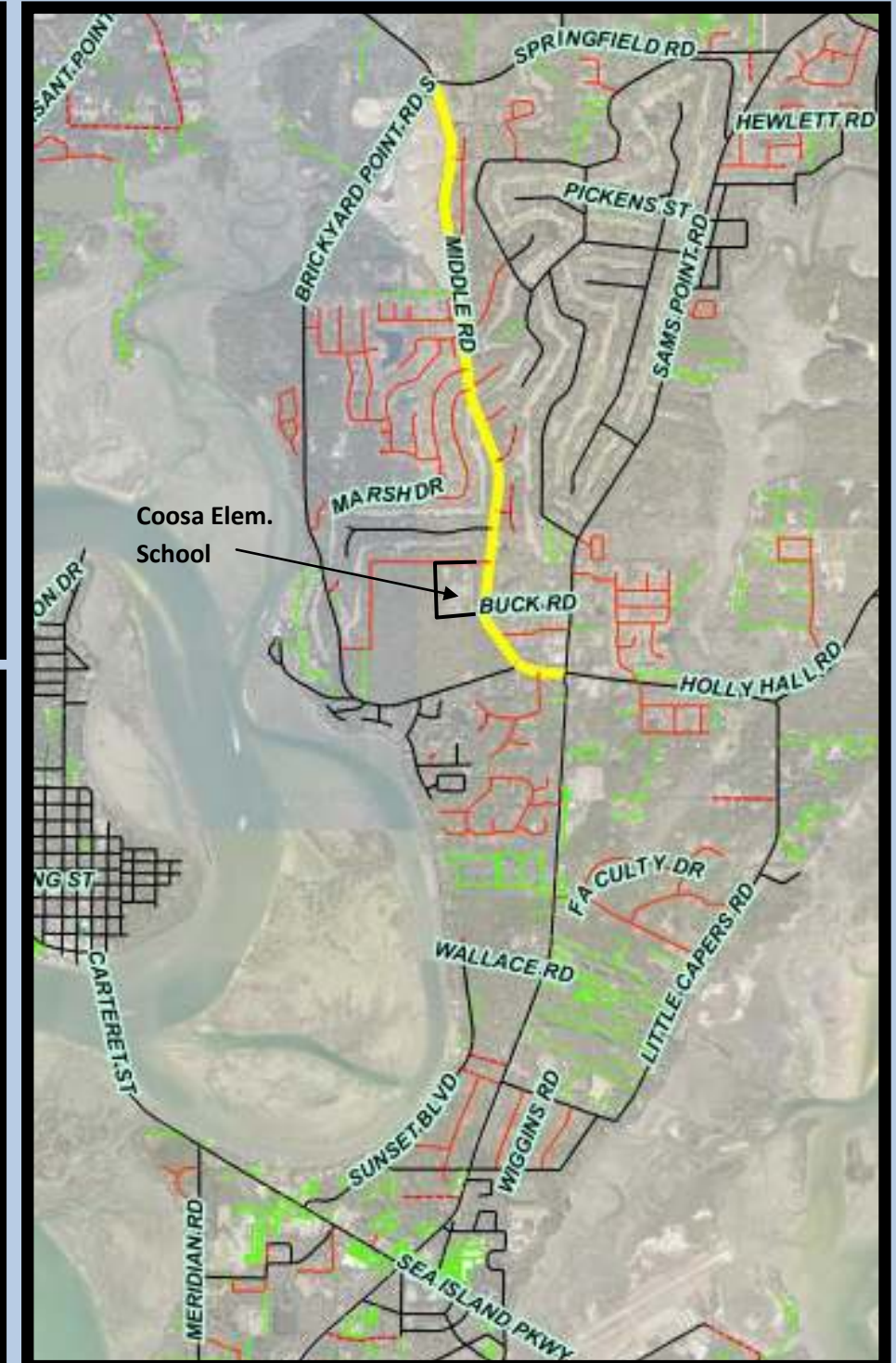


PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - Yes
3. Maintenance Costs – Does not increase current maintenance costs
4. Job Creation - No
5. County Improvement - Yes, creation of pathways promotes healthy living and creates an alternative route for those needing to reach their destination
6. Benefit Cost Study - No

PROJECT BENEFITS:

Provides connection between
residential areas along Middle Road
to Coosa Elementary School and
pedestrian facilities on Sams Point
Road.



ESTIMATED TOTAL COST

\$2,000,000

PROJECT 2014: 24 - WK Alston Connector

BEAUFORT COUNTY SALES TAX CIP

PROJECT LOCATION: UNINCORPORATED
BEAUFORT COUNTY & CITY OF BEAUFORT

TIME FRAME: 0-5 years

PROJECT SUMMARY:

Construction of 300 feet of new 2-lane road with sidewalk connecting WK Alston to Wal-Mart.



PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated - None
3. Maintenance Costs - Yes
4. Job Creation - No
5. County Improvement - Yes, creates safer pathway for residents to reach their destination
6. Benefit Cost Study - No

PROJECT BENEFITS:

Provides an additional driveway to serve as an exit/entrance to the Wal-Mart and Cross Creek shopping center in an effort to reduce congestion and improve safety at the exiting driveways on Robert Smalls Parkway.



ESTIMATED TOTAL COST

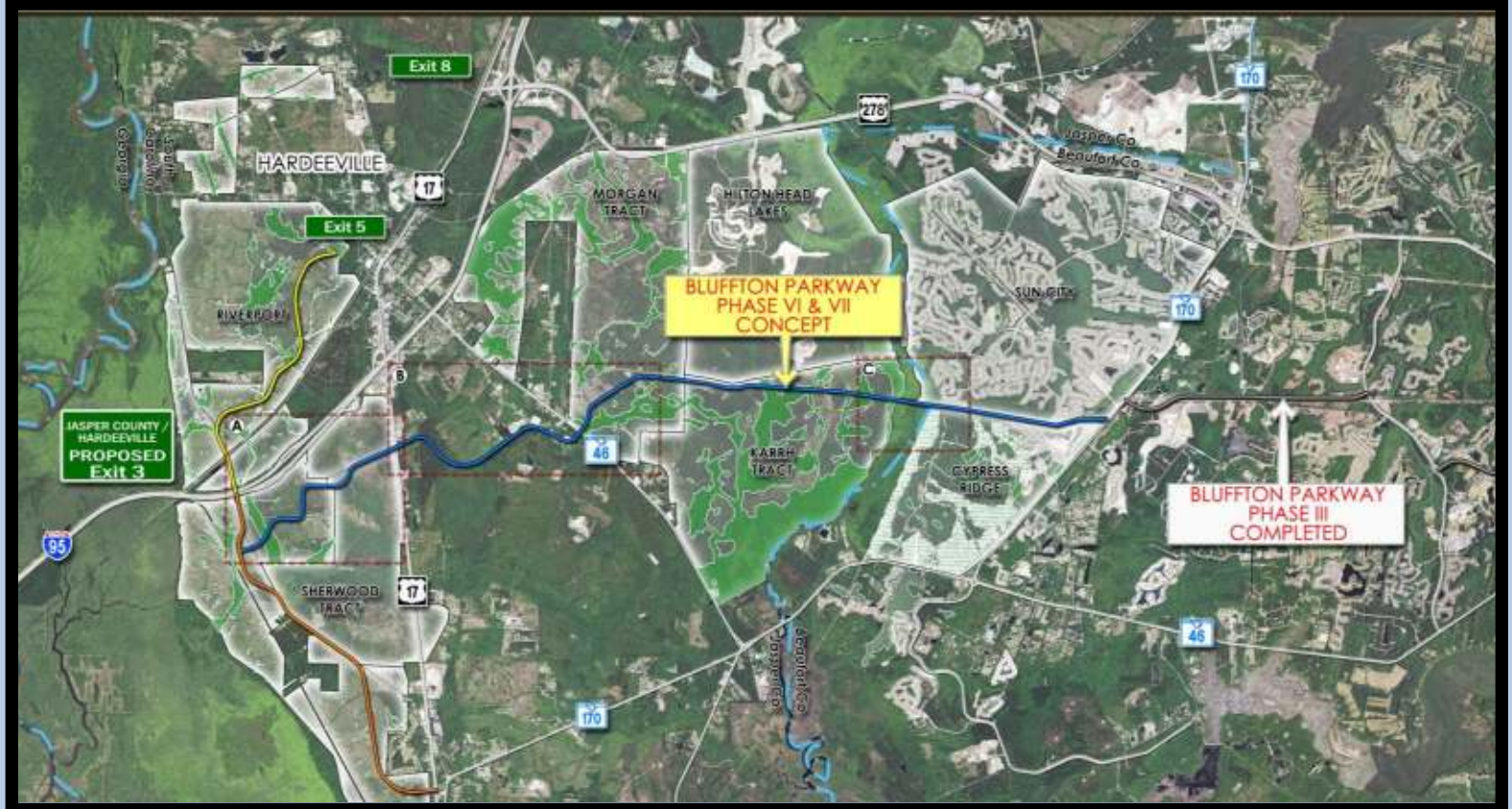
\$500,000

PROJECT LOCATION: UNINCORPORATED BEAUFORT COUNTY

TIME FRAME: 15+ years

PROJECT SUMMARY:

Extension of Bluffton Parkway from SC 170 to Interstate 95.



ESTIMATED TOTAL COST

\$5,000,000

PROJECT BENEFITS:

This extension provides a parallel route to US Hwy 278 from I-95 to Pinckney Island easing congesting during high traffic periods. It also provides a second evacuation route for Hilton Head and Bluffton residents.

PROJECT CRITERIA:

1. Other sources of money - None
2. Revenue Generated – Makes Bluffton and Hilton Head more appealing
3. Maintenance Costs – Does not increase current maintenance costs
4. Job Creation - No
5. County Improvement - Yes, creation of another route to Hilton Head Island makes the area more appealing to tourists. It also creates another evacuation route for locals.
6. Benefit Cost Study - No

Capital Improvement Projects Summary

BEAUFORT COUNTY SALES TAX CIP

Project Category	Category Total Cost
Capacity Improvement & Economic Development	\$40,500,000
Intersection Safety Improvements	\$14,750,000
Complete Streets Projects	\$13,850,000
Connectivity	\$7,000,000
Bicycle/Pedestrian Improvements	\$9,650,000
Intelligent Transportation System/Signal System	\$3,700,000
TOTAL COSTS OF CAPITAL IMPROVEMENT PROJECTS	\$89,450,000

Beaufort County Transportation Needs
Sales Tax Capital Improvement Projects

Project #	Project	Time Frame	Limits	Length (miles)	Description	Benefits/Needs	Project Background/ Support	Criteria						Total Cost
								A	B	C	D	E	F	
1	Bluffton Parkway Phase 5B	0-5 yrs	Buck Island Road to Buckwalter Parkway	3.0	New Construction, 4-Lane Divided Parkway with Pathways	Provides a more direct route from the section of Bluffton Parkway between SC 170 and Buckwalter Parkway to the sections of Bluffton Parkway east of Buck Island Road.	Town of Bluffton Priority	✓	✓			✓		\$28,000,000
2	US 278 Traffic Adaptive	0-5 yrs	US 278 Between SC 170 and Buckingham Plantation Dr	9.3	Adaptive Signal Control	Traffic adaptive system allows for signal timing to automatically adapt to changing traffic patterns such as beach traffic, holidays and incidents. Improves overall signal system efficiency by minimizing delay.	Increased utilization/optimization of existing infrastructure. High benefit to cost ratio.	✓	✓	✓		✓	✓	\$300,000
3	US 278 Bridge Replacement & Widening to Hilton Head Island	5-15 yrs	Buckingham Plantation Drive to Squire Pope Road	3.8	Planning & Engineering Only	Replacing existing 2-lane bridges with 6-total lanes and widening US 278 to 6 lanes to accommodate increasing traffic volumes. This corridor is currently over capacity and the existing bridges are approaching the end of their lifespan.	Regional Model 2030 V/C Ratio = 1.42 2040 V/C Ratio = 1.48	✓	✓	✓		✓		\$5,000,000
4	Windmill Harbour	0-5 yrs	N/A	N/A	Intersection Safety Improvement	Improvements to existing intersection of US 278 at Windmill Harbour to improve safety and efficiency.		✓		✓				\$5,000,000
5	Pickney Island Wildlife Connection/ Haig Point Boat Landing	0-5 yrs	N/A	N/A	Intersection Safety and Access Improvements	Safety and access improvement. Prior studies have been completed for USFW supporting extension of turn lanes and connection under bridge.		✓		✓				\$3,500,000
6	US 278 Access Management	0-5 yrs	County Line to HHI	11.0	Selected Median Modifications (Old Navy, Tanger 2 Mast Arms, Gatherings, HH BMW)	Modification of median crossovers on US 278 to allow for safer crossings. Improved left-turn lanes and elimination of dangerous movements with high conflict potential.		✓						\$2,500,000
7	Spanish Moss Rail Trail	0-5 yrs	Laurel Bay Road to Whale Branch River		Multi-use Pathway Construction, Construction of Bridge Over Robert Smalls Pkwy	Will allow pedestrian and bicycle connections to Beaufort, Port Royal, Burton, Laurel Bay and many other residential and commercial areas via a single trail.		✓	✓	✓				\$9,000,000
8	Depot Road Sidewalk	0-5 yrs	Ribaut Road to Spanish Moss Trail	0.4	Sidewalk	Provides pedestrian access to existing facilities on Ribaut Road and the Spanish Moss Trail as well as residential areas along Depot Road.		✓	✓	✓				\$500,000
9	Salem Road	0-5 yrs	Robert Smalls Pkwy to Battery Point	0.9	Pathway Construction	Provides connection between Battery Point to pedestrian facilities on Robert Smalls Parkway and the Spanish Moss Trail.		✓	✓	✓				\$1,000,000

Project #	Project	Time Frame	Limits	Length (miles)	Description	Benefits/Needs	Project Background/ Support	Criteria						Total Cost
								A	B	C	D	E	F	
10	US 21 BUS/Woods Memorial Bridge & Ribaut Road ITS	0-5 yrs	Road Network Surrounding Woods Memorial Bridge	N/A	Travel Time & Delay Notification System	Provides advance notification of bridge closings and re-routes drivers around the bridge to decrease congestion and delay at the Woods Memorial Bridge.	Increased utilization/optimization of existing infrastructure. High benefit to cost ratio.	✓		✓			✓	\$400,000
11	Bluffton Parkway Phase 1 Pathway Completion	0-5 yrs	SC 46 to Beaufort County Offices at Myrtle Park	0.1	Pathway Construction	Provides connection between two existing sections of pathway on Bluffton Parkway.		✓		✓				\$150,000
12	Bluffton Parkway/ SC 46 Roundabout	0-5 yrs	N/A	N/A	Redesign roundabout to improve traffic flow	Modifications to improve the existing design to allow for safer passage through the roundabout and reduce potential conflicts.		✓		✓				\$1,500,000
13	Burnt Church Rd, MC Riley, Ulmer Road Pathways and Intersection Improvements	0-5 yrs	Bluffton Pkwy to Bridge Rd and from Burnt Church Rd to Foreman Hill Rd	2.0	Bike & Ped Improvements with Multi-use pathways and roundabout construction at Bruin Rd	Provides bike and pedestrian connections between residential areas, PALS facilities, schools and existing pathway system. Improves intersection and traffic safety while slowing vehicle speeds.	Town of Bluffton Priority	✓	✓	✓				\$3,750,000
14	Lake Point Dr and Old Miller Rd Pathways and connections	0-5 yrs	Sandy Point Dr to Old Miller Rd	1.0	Pathway construction and new 2-lane connector with pathways, Traffic Calming	Connects Old Miller Road and Lake Point Dr providing alternative access to large residential area, extends existing pathway connection to Buckwalter Parkway to multiple neighborhoods		✓	✓	✓				\$2,100,000
15	Joe Frazier Road	0-5 yrs	Broad River Blvd to Cherokee Farms Rd (N)	2.1	Turn Lanes, Bike & Ped Improvements, Safety Improvements, Resurfacing	Provides bike and pedestrian connections to residential areas along Joe Frazier Road, Burton Wells Recreation Complex and existing pedestrian facilities on Broad River Boulevard. Also provides needed turn lanes on Joe Frazier Road to improve capacity, safety and efficiency of the roadway.	Regional Model 2020 V/C Ratio = 1.19. Poor turning conditions at Cherokee Farms Road (S).	✓	✓	✓				\$7,000,000
16	Parris Island Gateway @ Savannah Highway	0-5 yrs	N/A	N/A	Intersection Re-build	Convert existing intersection configuration to dual northbound left turn lanes and free-flow northbound thru lane and install mast arms.	Northbound left turn volumes are too high to be serviced by the existing single left turn lane. This leads to severe congestion during peak hours.	✓		✓				\$750,000
17	Port Royal Spine Road	0-5 yrs	Ribaut Road to Port Re-Development	0.9	New Construction, 2-Lane with Pathways	New roadway along existing railroad right-of-way connecting the Port of Port Royal to Ribaut Road. Presents commercial and residential opportunities.	Town of Port Royal Priority	✓	✓		✓			\$5,000,000
18	Mast Arm Upgrades	0-5 yrs	12 Existing Signalized Intersections	N/A	Mast Arm Signal Supports to Replace Span Wire Supports	Mast arms are more durable than the traditional span wire intersection and are capable of handling 130 mph winds. Will minimize destruction of the signal system during a tropical storm or hurricane type event. Improved aesthetics and reduced maintenance cost.	Increased utilization/optimization of existing infrastructure. Improved safety with high benefit to cost ratio. Hurricane mitigation.	✓		✓		✓		\$2,000,000

Project #	Project	Time Frame	Limits	Length (miles)	Description	Benefits/Needs	Project Background/	Criteria						Total Cost
								A	B	C	D	E	F	
19	Flashing Yellow Arrow Upgrades	0-5 yrs	Countywide	N/A	New Left Turn Signal Displays	Flashing yellow arrow signal heads have been shown to reduce crashes, decrease driver confusion and decrease delay. In addition, they provide more flexibility to handle variable traffic volumes.	Increased utilization/optimization of existing infrastructure. Improved safety with high benefit to cost ratio.	✓				✓		\$500,000
20	Battery Backup System	0-5 yrs	20 Critical Signalized Intersections	N/A	Battery Backup Power for Signalized Intersections	Depending on the size of the intersection, the battery backup system allows the traffic signal to operate during a power outage. This helps prevent gridlock and dangerous situations during a power outage.	Increased utilization/optimization of existing infrastructure. Improved safety with high benefit to cost ratio. Keeps officers out of harms way.	✓				✓		\$500,000
21	Sea Island Parkway @ Lady's Island Drive Rebuild	0-5 yrs	N/A	N/A	Intersection Re-build	Rebuild existing intersection using mast arms to replace existing poles at end of lifespan. Revise phasing to improve efficiency.	Existing signal equipment at increased maintenance cost with regular left-turn capacity issues.	✓		✓				\$2,000,000
22	Meridian Road	0-5 yrs	Sea Island Pkwy to Lady's Island Dr	1.6	Pathway Construction and Traffic Calming	Provides bike and pedestrian connections to bike and ped facilities on Ladys Island Drive and Sea Island Parkway.		✓	✓	✓				\$1,500,000
23	Middle Road/ Coosa SRTS	0-5 yrs	Brickyard/ Sams Point to Springfield	2.4	Pathway Construction	Provides connection between residential areas along Middle Road to Coosa Elementary School and pedestrian facilities on Sams Point Road.		✓	✓	✓				\$2,000,000
24	WK Alston Connector	0-5 yrs	WK Alston to Wal-Mart	300 ft	New Construction, 2-lane with sidewalks	Provides an additional driveway to serve as an exit/entrance to the Wal-Mart and Cross Creek shopping center in an effort to reduce congestion and improve safety at the existing driveways on Robert Smalls Pkwy.		✓						\$500,000
25	Bluffton Parkway Phase 6	15+ yrs	SC 170 to I-95	7.0	Planning & Engineering Only	Provides a parallel route to US 278 from I-95 to Pickney Island. Provides another evacuation route.		✓	✓	✓				\$5,000,000

	City of Beaufort	Criteria A No Other Sources of Money Available	
	Town of Port Royal	Criteria B Revenue Generated/Economic Development	
	Hilton Head Island	Criteria C Does Not Increase Maintenance Costs	
	Town of Bluffton	Criteria D Job Creation	
	Multiple Municipalities	Criteria E County Improvement	
	Beaufort County	Criteria F Benefit Cost Study Completed	
			Total Cost of Sales Tax Capital Improvement Projects \$89,450,000