

## Intersection and Safety Projects

**Ribaut Road – Lady’s Island Drive Turn Lanes –** Installation of free-flow right turn lanes Eastbound and Westbound

**Traffic Signal Improvements** - Improvements to the Beaufort County traffic signal network including the evaluation, design, and implementation of an adaptive signal network on recommended corridors from Kimley-Horn memo dated April 6, 2026 including Bluffton Parkway, Buckwalter Parkway, US 278 (Argent Boulevard to Moss Creek Dr), Boundary St (SC 170 to Ribaut Road), and Ribaut Road (Boundary Street to Lady’s Island Dr). A traffic signal asset evaluation will be performed to identify the infrastructure and condition of signal assets throughout the County and recommend improvements recommendations. Improvements may include signal retiming and hardware replacement (cabinet, controller, wiring, signal heads, back plates, or detection). Detection upgrades to radar or camera detection may also be included.

**Squire Pope/William Hilton Pkwy Improvements –** This project aims to improve traffic flow and reduce congestion at this Island Gateway Corridor intersection while enhancing safety for all travel modes. It restructures lanes and reduces conflict points to create safer, more predictable operations.

**SC 170/US 278 Diverging Diamond Interchange** - Construct a Diverging Diamond Interchange (DDI) below existing US 278. Provide dual lefts along SC 170 onto US 278 eastbound and widen the on-ramp as needed. Construct dual westbound left-turn lanes from US 278 Westbound Off Ramp onto SC 170. Construct dual westbound right-turn lanes from the US 278 Westbound Off-ramp onto SC 170. Construct a westbound right-turn slip lane onto SC 170 northbound that will continue into the right-turn lane at Commerce Place West / Commerce Place East.

**Ribaut Road Corridor Improvement (City of Beaufort)** - Corridor improvement on 4-lane section of Ribaut Road from Boundary Street to Lady’s Island Drive including intersection improvements at the intersection of Ribaut Road and Boundary Street, pedestrian accommodations, and resurfacing the entire corridor.

**Lady’s Island Drive/Meridian Rd Improvements** - Realign and convert two stop-controlled T-intersections along Lady’s Island Drive into a dual-lane peanut roundabout approximately 500 feet long from Islands Causeway to Meridian Road. Widen roadway for channelization and relocation of existing through lanes and pedestrian accommodations for the peanut roundabout. Construct new pedestrian facilities on the southbound approach.

**US 21 Improvements at Chowan Creek** -Improvement on a 3-lane section of US 21 at Chowan Creek from 750 feet south of Chowan Creek Bluff to 500 feet north of Warsaw Island Road. Project identified in the 2025 Beaufort County Roadway Vulnerability Study-Phase 1 by HDR.

**Warsaw Island Road Causeway Improvement**- Improvements to raise grade to avoid flooding. Project identified in the 2025 Beaufort County Roadway Vulnerability Study-Phase 1 by HDR.

**SC 170/SC 46 Intersection Conversion** - Convert existing roundabout to a traffic signal with pedestrian accommodations. Construct dual left turn lanes for eastbound, westbound, and northbound approaches. Remove existing channelized right turns for eastbound, westbound, and southbound movements.

**Bluffton Parkway/SC46 Roundabout Improvements** - Convert the existing 2x2 roundabout to a 2x1 roundabout with appropriate right-turn bypass lanes as shown in the Concept Designs by Mead and Hunt, 2024 LCOG Safety Action Plan and 2025 LATS Bluffton Parkway Corridor Study.

**Spanish Wells/William Hilton Pkwy Improvements** – The project will upgrade this major Island Gateway Corridor intersection to improve mobility, reduce delays, and strengthen connections to nearby neighborhoods, schools, and commercial areas. Safety is enhanced through reduced conflict points and improved visibility.

**Savannah Hwy & SC 170 Improvements** - Construct raised medians at SC 170 and Savannah Highway to prohibit left-turn movements from the Circle K driveways as shown on 2024 LCOG Safety Action Plan.

**SC 462 Realignment** - Relocate SC 462 eastward from BJWSA Canal to SC 170 to better align the intersection and remove from curve tangent along SC 170 as depicted in 2024 Realignment Concept by Kimley Horn and SC 170 Corridor Access Study Final Report by AECOM. Project includes new intersection at SC 170 and new roundabout at intersection with SC 46.

**SC 170 Corridor Improvements from Edgar C Glenn Boat Landing to Boundary Street**- Corridor improvements shown on the 2024 LCOG Safety Action Plan including extending the existing raised medians between Boundary Street and Neil Road and also between Burton Hill Road and Old Jerico Road to include Lowes, converting Shadow Moss Dr to  $\frac{3}{4}$  access intersection, addition of raised medians at Edgar C Glenn boat ramp, upgrading existing signals along the corridor, and addition of new signal at Broad River Road.

**B.E. Wheatley Drive/SC 170 Traffic Signal** – Mast arm intersection.

**US 278/Sun City Signal Improvements** - Remove channelization for right turns from both Sun City Blvd approaches onto US 278. Reconfigure eastbound and westbound left-turn lanes with an increased positive offset to improve sight distance on US 278. Install nearside signal heads on both US 278 approaches. Implement westbound left-turn protected-only signal phasing on US 278. Offset left-turn lanes on Sun City approaches to improve sight distance.

**US 278/Buck Island Road Intersection Improvements** - Pedestrian Intersection Improvement Project to include Rephasing, timing and line arrangements. Modify Buck Island Rd for 2 north-bound left turns, one thru and one right.

**Ribaut Road/Depot Road Intersection** - Construct intersection improvement/roundabout at intersection of Ribaut Road and Depot Road. Remove or improve existing signal.

**Gumtree Road Improvements** – This corridor project focuses on improving safety and functionality through upgraded intersections, improved pathways, and better pedestrian and bicycle accommodations. It aims to enhance school access and neighborhood connectivity.

**US 278/Simmons ville Road Intersection Improvements** - Intersection Improvement Project to include Rephasing, timing and line arrangements. Modify Simmons ville Rd for 2 northbound left turns, one thru and one right.

**Bluffton Parkway Improvements** - Bluffton Parkway 0–5-year Q2 & Q3 improvements from LATS Corridor Study.

- Q2 (Buckwalter Pkwy & Bluffton Pkwy from Buckwalter Pkwy to Buck Island Rd) improvements– Signal warrant and timing review along the corridor, rumble strips along Buckwalter Parkway, RIRO at Pinecrest Drive, mid-block ped crossing with beacon at Cross School Entrance.
- Q3 (Bluffton Pkwy from Buck Island Rd to Burnt Church Road) Improvements - Signal warrant and timing review along the corridor, improve signing at Bluffton road Roundabout, RIRO at Goethe Road, Intersection modifications at Buck Island, Simmons ville and Burnt Church; Access management at Bluffton Park, Crescent and Persimmon.

**Gateway to Port Royal (Ribaut Road)** - Access management and pathway improvements on Ribaut Road from Paris Island Gateway to Lady’s Island Drive. Includes median islands, a new shared use pathway, and local road connections.

**Gibbett Road Signal** - Install a Traffic Signal with pedestrian accommodations. Widen the roadway for the construction of a new eastbound left-turn lane onto Gibbet Road, a westbound left-turn lane onto Pritchard Farms Road, a westbound right-turn lane onto

Gibbet Road, and a southbound right turn lane onto SC 46. Install new stop bar pavement markings.

**Grober Hill Road/Parris Island Gateway Intersection Improvements** - Addition of traffic signal at intersection of Grober Hill Road and Parris Island Gateway.

**High Visibility Crosswalks & RRFBs (Downtown Beaufort)** - Upgrade existing unsignalized pedestrian crossings at the intersections of US 21 Business/Boundary Street/Carteret Street with Port Republic Street, North Street, King Street, Prince Street, Duke Street, Washington Street, Congress Street, and Church Street and the intersections of Bay Street with Newcastle Street, West Street, and Scott Street (11 total crossings) to include high-visibility markings, W11-2 signage, and Rectangular Rapid Flashing Beacons (RRFB), as appropriate.

**Short's Landing Signal** - Addition of traffic signal at intersection of Shorts Landing Road and Sams Point Road as depicted in Stantec Shorts Landing Road Concept, if approved by SCDOT.

**Sea Pines Circle** – Sea Pines Circle improvements aim to reduce congestion at the major roundabout while enhancing multimodal safety and improving travel reliability for residents and visitors. The project includes measures to reduce conflict points and improve visibility.

**Evans Way/SC 170 Signalized Reduced Conflict Intersection (RCI)** - Construct a signalized reduced conflict intersection with pedestrian accommodations. Construct northbound and southbound, unsignalized U-Turn lanes along SC 170. Modify the westbound and eastbound approaches to accommodate dual right-turn lanes onto SC 170.

**RI/RO at Bluffton Pkwy/Goethe Rd** - Close median access on Bluffton Parkway at Goethe Road to eliminate all left turn movements to and from Goethe Road onto and off of Bluffton Parkway, as shown on 2024 LCOG Safety Action Plan and 2025 LATS Bluffton Parkway Corridor Study.

**Median Closings US 278** - Close the median at the following 5 intersections along US 278: Lost Oaks Drive, Eagle Pointe Drive, Pinckney Colony Road, McDonald's/Circle K Driveway, and Parmenter Road to provide 3/4 access. Realign and restripe side streets to provide right turns only as needed.

**Old Jericho Rd Bridge Replacement** - Replace bridge on Old Jericho Road about ¼ mile south of SC 170. Include sidewalks on both sides for future development.

**Goethe Rd Resurfacing/Traffic Calming** - Corridor improvement on Goethe Road from May River Road to Hilderbrand Road as depicted in the Proposed Plans for

Goethe Road Improvements by Consor. Includes resurfacing and addition of curb and gutter, catch basins, and sidewalk.

**Main Street Road Improvements** – The project enhances a parallel corridor to William Hilton Parkway to help reduce congestion, improve traffic flow, and create safer travel for drivers, pedestrians, and cyclists. It includes safety-focused lane and visibility improvements.

**Grober Hill Rd Corridor Improvements** - Corridor improvement on 3-lane section of Grober Hill Road from Castle Rock Road to Parris Island Gateway. Construct dual lefts from Parris Island Gateway to Grober Hill Road and from Grober Hill Road onto Parris Island Gateway. Includes intersection geometry improvements to bring geometry closer to ninety degrees. Pavement will be placed for future dual lefts.

**William Hilton Pkwy- Chaplin Corridor** – This project improves traffic flow and safety along a key portion of William Hilton Parkway by reconfiguring lanes and reducing conflict points. It supports mobility for residents, businesses, and visitors.

**Stardust Lane Traffic Signal** - Install a Traffic Signal with pedestrian accommodations. At intersection of Stardust Lane and SC 46.

**Buckwalter Pkwy (HE McCracken Cir Section)** - Improvements near school complex to include traffic signal at intersection with HE McCracken North to include U- turn for buses. HE McCracken North to include access to Buckwalter Recreation Center. Close median at existing access to Buckwalter Recreation Center. Limit left turn egress at Buckwalter Recreation Center and HE McCracken Middle School. Include U-turn for buses at intersection with HE McCracken South.

**Joe Frazier Road Roundabout-** Construct a new single-lane roundabout between Joe Frazier Road and Middleton Recreation Drive. Construct new connector roads to connect Joe Frazier Road with Middleton Recreation Drive and future connection to Habersham Road. Widen roadway for channelization and relocation of existing through lanes for the roundabout. Remove access to and cul-de-sac Needles Road.

**Laurel Bay Road/Joe Frazier Road Roundabout** - Convert intersection between Joe Frazier Road and Laurel Bay Road into a single-lane roundabout. Widen roadways for channelization and relocation of existing through lanes for the roundabout. Remove existing eastbound slip lane and westbound turn lanes along Laurel Bay Road. Remove existing northbound left-turn lane along Joe Frazier Road. Remove or relocate frontage road access as appropriate to accommodate roundabout operations.

**Laurel Bay Road/Bay Pines Road Roundabout** - Convert intersection between Laurel Bay Road and Bay Pines Road into a single-lane roundabout. Widen roadways for

channelization and relocation of existing through lanes for the roundabout. Remove or relocate frontage road access as appropriate to accommodate roundabout operations.

**Shanklin Rd Reduced Conflict Intersection (RCI)** - Intersection improvement at Shanklin Road and US 21. Eliminate left turn movement from Shanklin Road. Include U-turn at Kimes Avenue. No raised median on US 21. Project included in 2025 US 21 Corridor Study by HDR.

**Roseida Road Reduced Conflict Intersection (RCI)** - Intersection improvement at Roseida Road and US 21. Eliminate left turn movements from Roseida Road and Cavalry Lane. Includes U-turns both Northbound and Southbound. No raised median on US 21. Project included in 2025 US 21 Corridor Study by HDR.

**Middle Rd/SC 802 Roundabout Improvements** - Roundabout improvements at intersection of Middle Road and SC 802 as shown in 2024 LCOG Safety Action Plan.

**Guardrail on Middle Rd (B/W Doe Rd & Buck Rd)** - Install approximately 600' of guardrail at the outside of the horizontal curve, as shown in the LCOG Safety Action Plan.

## Widening

**SC 170 (SC 462 to US 278)** - Widen SC 170 from US 278 to SC 462 from 4 to 6 lanes. Construct a series of signalized reduced conflict intersections with intermittent U-turn lanes and bulb outs. Implement a shared use path on the western side of SC 170.

**US 278 (SC 170 to Jasper County Line)** – Widen US 278 from Beaufort County line to SC 170 from 4 to 6 lanes. Implement adaptive signal timing and update all clearance times at signalized intersections using latest standards. Close existing median cuts between main intersections. Improve lighting throughout the study area. Implement intersection improvements at University Boulevard, Community College Drive, Sun City Boulevard, Palmer Grace Drive West.

**SC 46 (SC 17 to Jasper County Line)** - Four-lane widening of SC 46 from SC 170 to the New River bridge at the Jasper County line as depicted in the Concept Designs by Mead and Hunt and the 2024 LCOG Safety Action Plan.

**Neil Road Intersection Improvements** – Signalized intersection at Neil Road. Fourth leg of intersection accessing Beaufort Station. Realign Spanish Moss Trail to signal.

## Resurfacing and Dirt Road Paving

### Dirt Road Paving

- Arum Cir N
- Briars Creek Rd
- Comet Ln
- Creek View Dr
- Dockside Ln
- Huspah Creek Dr
- Judge Island Dr
- Mr McBryde Ln
- Najas Dr
- Nyssa Ln
- O'connor Rd
- Sandstone Cir
- Sawgrass Ct
- Sparkleberry Dr
- Sugar Hill Landing Rd
- Sweet Grass Dr
- Worthington Rd
- Kline Cir

### **Municipally Owned Roads**

- **City of Beaufort**
  - Battery Green Court
  - Bladen Ln
  - Bowling Ln
  - Bray St
  - Broad St
  - Candleberry Ln
  - Capers St
  - Coleman Ln
  - Crofut Ln (alleyway)
  - Dutchess Ln (mid-twn)
  - Elliot St
  - Elton Ln
  - Firehouse Ln
  - Fuller St
  - Hanover Ln
  - Lady Ln (mid-twn)
  - Old Commons Ln (alywy)
  - Old Trail Rd

- Phillips St
- Polk St
- Princess Ln (Mid-twn)
- Reynolds St
- Rhett St (dirt)
- Von Harten St (dirt)
- Waters Edge Court East
- Waters Edge Court West
- Acorn Hill Ave
- Burton Hill Rd
- Calhoun St
- Charles St
- Church St
- Church St
- Lovejoy St
- Lovejoy Way
- Morris St
- Newcastle St
- North St
- Old Salem Rd
- Palmetto Dr
- Palmetto St
- Prince St
- Rodgers Dr
- Simms St
- Sycamore St
- Union St
- Washington St
- Westview Ave
- Otter Circle
- Ferrets End
- Wolverine Dr
- Mustelidae Rd
- Pine Martin Rd
- Beavers Den
- Stone Marten Circle
- Stone Marten Drive
- Anchorage Way
- Battery Chase
- De La Gaye Point

- Fiveoaks Cir
- Islands Ave
- Island Cir
- Palmetto Place
- Plough Place
- Sunset Court
- Brighton Ln
- Cottage Farm Dr
- Dover Ln
- Glendale Ln (north)
- Glendale Ln (south)
- McChesney Ln
- Stafford Ln
- Joshua Circle
- Joshua Court
- Craven St
- New St
- Port Republic St
- **Town of Port Royal**
  - Old Shell Road
  - Tamara Ln
  - Old Fort Rd
  - Berkley Cir
  - Old Shell Ct
  - Laurel St
  - Stuart Towne Ln
- **Town of Hilton Head Island**
  - Adrianna Lane
  - Alex Patterson Road
  - Arrow Road
  - Automobile Place
  - Bayberry Lane
  - Bayberry Lane
  - Blazing Star Lane
  - Bobwhite Lane
  - C. Heinrichs Circle
  - Cassina Lane
  - Castnet Drive
  - Central Avenue
  - Chamberlin Drive

- Cooperative Way
- Dogwood Lane
- Dove Street
- Dune Lane
- Dunnagans Alley
- Egret Street
- Elderberry Lane
- Electric Avenue
- Exchange Street
- Flamingo Road
- Firethorn Lane
- Fish Haul Creek Park Common
- Fresh Market/Hargray Driveways
- Gannet Street
- Habitat Circle
- Haig Point Circle
- Hargray/Frsh Mrkt Drvwy
- Heron Street
- Hickory Lane
- Honey Horn Drive
- Hospital Center Boulevard
- Humane Way
- Indigo Run Drive
- Jarvis Park Road
- Juniper Lane
- Katie Miller Road
- Kingbird Lane
- Kingfisher Street
- Lark Street
- Laurel Lane
- Lemoyne Avenue
- Lagood Road Extension
- Mac Donough Lane
- Main Street (East Or North Segment)
- Main Street (West Segment)
- Mallard Street
- Mallard Street
- Meeting Street
- Merchant Street
- Mingo Way

- Museum Street
- Myrtle Lane
- Nassau Street
- Natures Way
- Nighthawk Street
- Oak Park Drive
- Office Park Road
- Osprey Street
- Otter Hole Road
- Pelican Street
- Pelican Street
- Power Alley
- Quail Street
- Queens Way (Whp-Hargray)
- Rhiner Drive
- Roadrunner Lane
- Robin Street
- Sandpiper Street
- Sandpiper Street
- Sea Oak Lane
- Summit Drive
- Tanglewood Drive
- Thompson Street
- Town Center Court
- Wanderer Lane
- Wild Horse Road
- Wiley Road
- **Town of Bluffton**
  - Allen St
  - Boundary St
  - Bridge St
  - Buckwalter Place Blvd
  - Calhoun St
  - Church St
  - Colcock St
  - Cove St
  - Dr Mellichamp
  - Dubois Ln
  - Future Hampton Pkwy
  - Green St

- Guerrard Ave
- Hampton Pkwy
- Innovation Dr
- Lawrence St
- Lawton St
- Maiden Ln
- Pope Ln
- Pritchard St
- Progressive St
- S Innovation Dr
- Thomas Heyward St
- Water St
- Wharf St

### **Daufuskie Island Resurfacing**

- Cooper River Landing Rd
- Haig Point Rd
- Melrose Landing Rd
- Old Haig Point Rd
- Pappys Landing Rd

**Trask Parkway (US 17)** - From the Jasper County line to US 21 at Garden's Corner.

**Trask Parkway (US 21)** – From US 17 at Garden's Corner to Wood's Memorial Bridge, Lady's Island Dr, and Ribaut Rd (Port Royal section)

**Sea Island Parkway (US 21)** – From the Lady's Island Wal-Mart area to the Harbor Island Bridge

**Sam's Point Road (SC 802)** – From Sea Island Parkway to the roundabout

**Parris Island Gateway (US 21)** – From Boundary Street to Bell Bridge

**Savannah Highway (SC 128)** – From SC 170 to Parris Island Gateway

**Robert Smalls Parkway/Okatie Highway (SC 170)** – From Boundary Street to SC 462 and from US 278 to SC 46 at the roundabout

**Buckwalter Parkway** – From US 278 to SC 46

**Bluffton Parkway** – From SC 170 to Buck Island Road and from Red Cedar Rd to US 278 flyover

**Fording Island Road (US 278)** – From SC 170 to the Hilton Head Island Bridge

**William Hilton Parkway (US 278 Business)** – From the Hilton Head Island Bridge to  
Sea Pines Circle