

URBAN DESIGN



TH THOMAS & HUTTON

CALHOUN STREET STUDY – BLUFFTON, SOUTH CAROLINA

INTENSITY MAP



HIGH INTENSITY



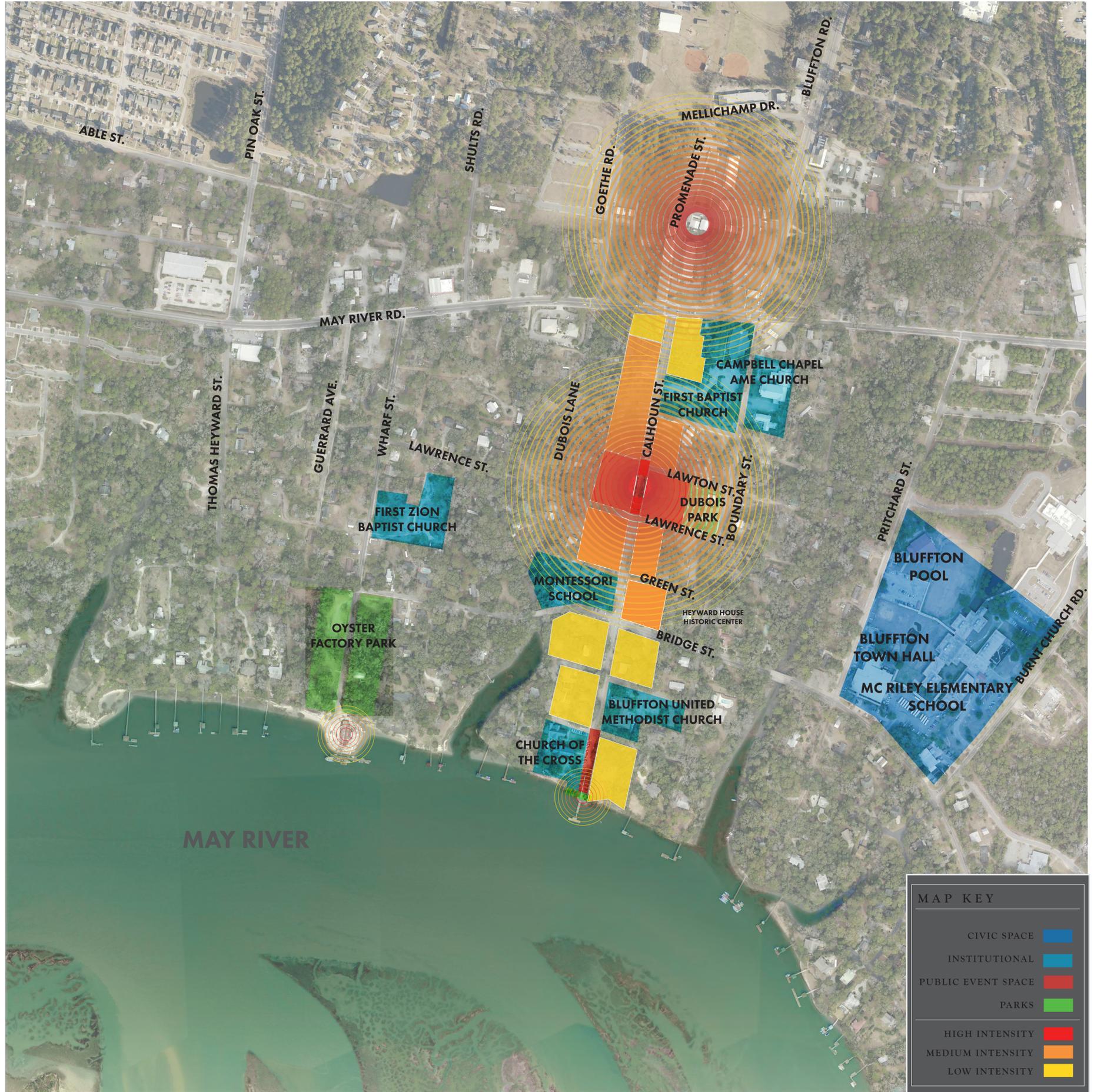
MEDIUM INTENSITY



LOW INTENSITY



CIVIC SPACE



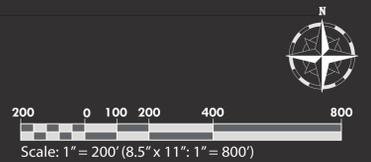
MAP KEY	
CIVIC SPACE	■
INSTITUTIONAL	■
PUBLIC EVENT SPACE	■
PARKS	■
HIGH INTENSITY	■
MEDIUM INTENSITY	■
LOW INTENSITY	■



INTENSITY MAP

CALHOUN STREET STUDY

Town of Bluffton, South Carolina
NOVEMBER 10, 2014



MASTER PLAN



PEDESTRIAN IMPROVEMENTS



TRAFFIC CALMING



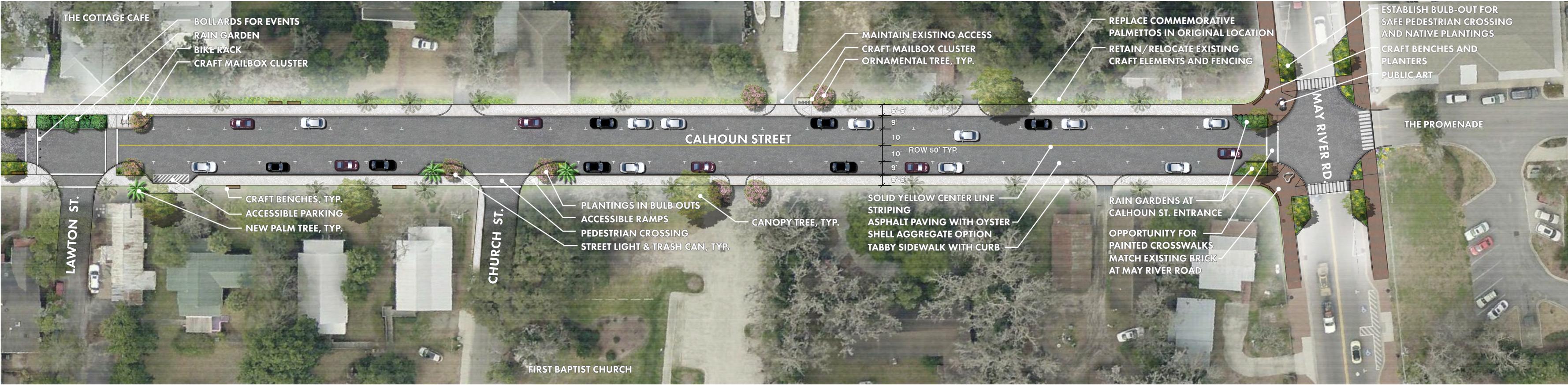
RAIN GARDENS



SHARED PARKING



CALHOUN STREET



HALLWAY | LOW INTENSITY ZONE

FRONT DOOR | HIGH INTENSITY ZONE

MAP KEY

CONCEPT STREETScape PLAN

CALHOUN STREET - MAY RIVER ROAD TO LAWTON STREET

CALHOUN STREET



HALLWAY

LIVING ROOM | HIGH INTENSITY ZONE



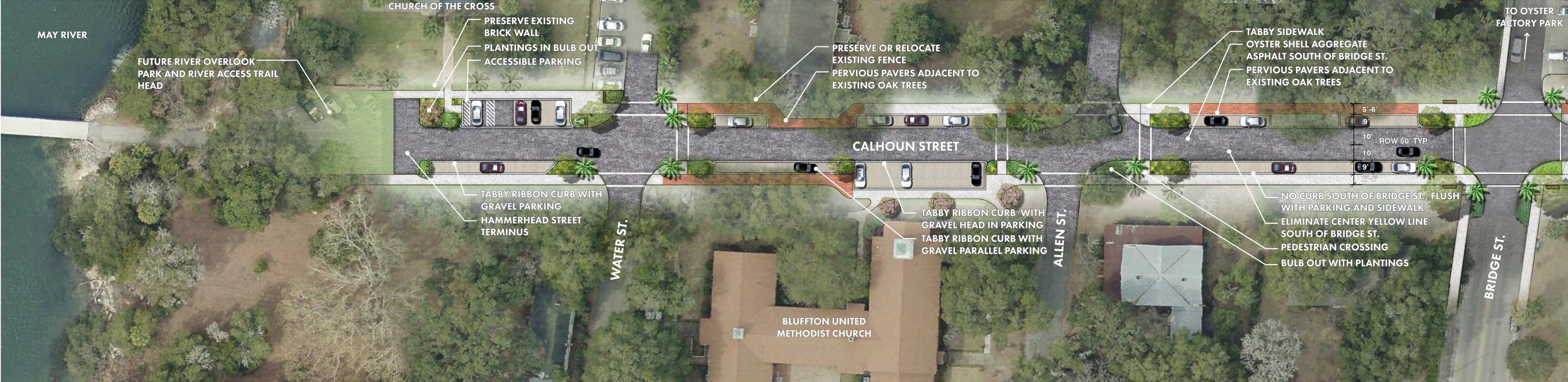
MAP KEY

CONCEPT STREETScape PLAN

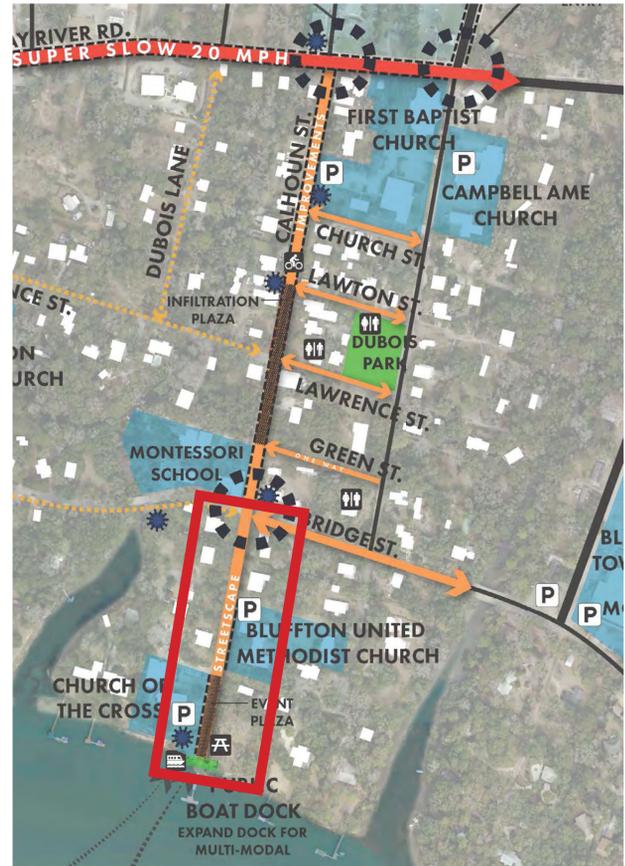
CALHOUN STREET - LAWTON STREET TO BRIDGE STREET

December 30, 2015

CALHOUN STREET

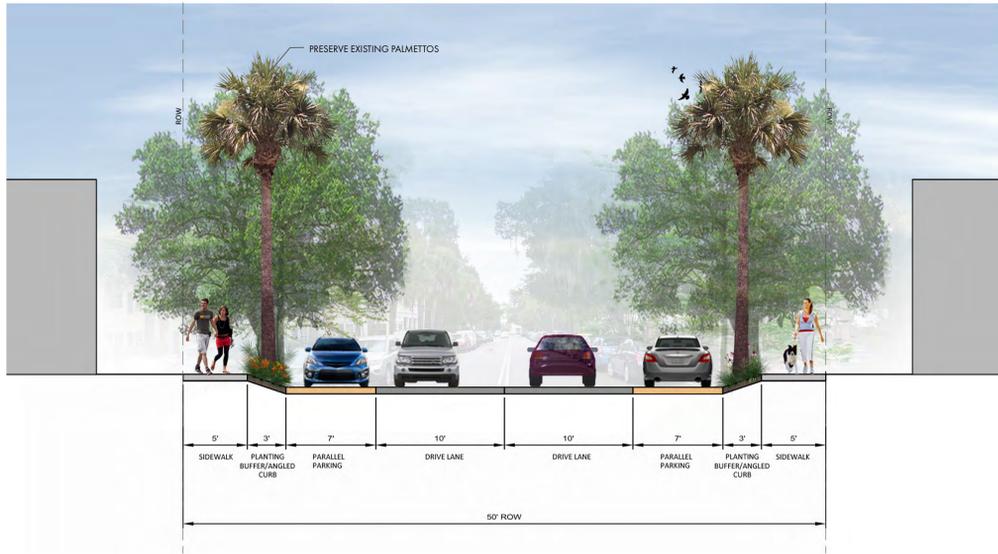


BACK PORCH | LOW INTENSITY



STREETSCAPES

CALHOUN STREET - ANGLED CURB



Angled Curb Option
Brick or Tabby



Angled Curb Option
Granite and Brick



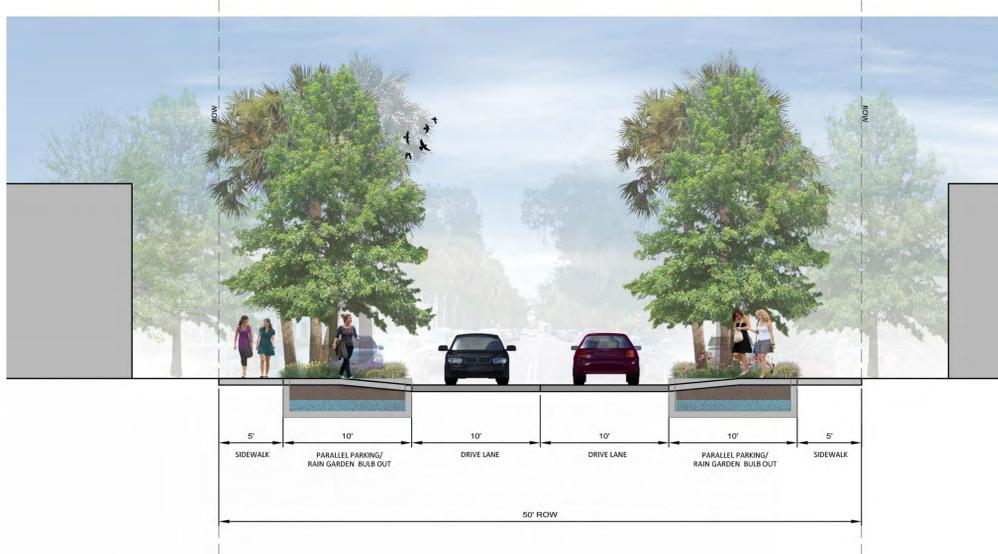
Tabby Sidewalk



Pervious Parking
Pavers

- Two 10' travel lanes with parallel parking on both sides
- Maintains historical character in some areas
- Planting buffer between 5' sidewalk and parking
- Preserve and restore existing palmettos
- Utilize pervious paver sidewalks at existing live oaks
- Remove center striping

CALHOUN STREET - VERTICAL CURB/RAIN GARDENS



Signature Sidewalk
Pavers



Concrete Sidewalk



Bio Retention/Rain
Garden



Tabby Sidewalk
Garden

- Two 10' travel lanes with parallel parking/bulb outs and rain gardens on both sides
- Allows for additional pedestrian spaces
- Increases safety by reducing cross walk distances
- Allows for increased planting space
- Engineered rain garden serves as pilot project in signature locations/intersections
- Significantly increases water quality and reduces stormwater runoff
- Remove center striping

CALHOUN STREET - NO CURB/PLAZA & FESTIVAL SPACE



Plaza Pavers Option-
Flexible Event Space



Plaza Pavers Option-
Flexible Event Space



Trench Drain



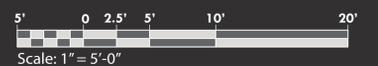
Plaza Space

- Two 9' travel lanes with parallel parking on both sides
- Allows flexible open space for events and Farmer's Market
- Small planting buffers
- Allows for increased planting space
- Pervious pavement on infiltration plaza highlights central activity zone
- Remove center striping



STREETSCAPE SECTIONS CALHOUN STREET STUDY

Town of Bluffton, South Carolina
NOVEMBER 10, 2014



CALHOUN STREET @ PUBLIC DOCK- FLEXIBLE USE SPACE



Plaza Pavers Option- Flexible Event Space



Plaza Pavers Option- Flexible Event Space



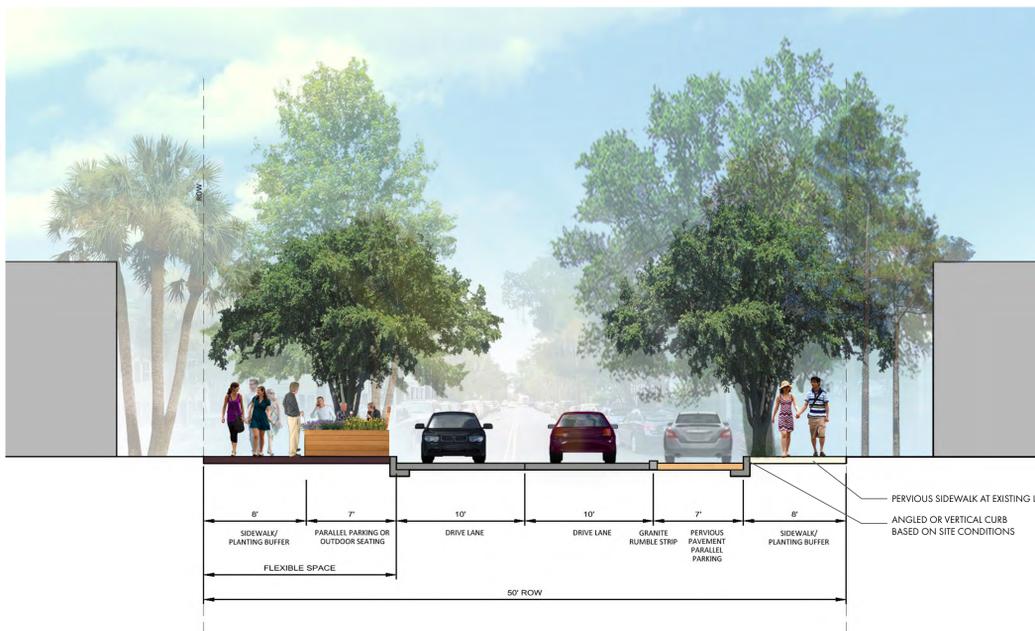
Brick Edge with Granite Fines Paving



Granite Edge

- Two 10' travel lanes with angled parking on one side and parallel parking on the other
- Works in conjunction with existing church/public parking
- No curb allows flexible open space for events near Public Dock
- Remove center striping
- Maintain flexibility to cordon off for public and church events
- Restrict public parking during church worship hours

CALHOUN STREET - OUTDOOR DINING



Pervious Parking Pavers



Concrete Sidewalk



Brick Pavers



Flexible Parking Area for Outdoor Dining

- Two 10' travel lanes with parallel parking on both sides
- Outdoor dining opportunities in some parking spaces allow for additional pedestrian space and planting
- Built in seating buffers against traffic and provides space for dining
- Include bicycle parking near parklets to cluster uses
- Remove center striping

GREEN STREET



Pervious Parking Pavers



Granite/Gravel Sidewalk



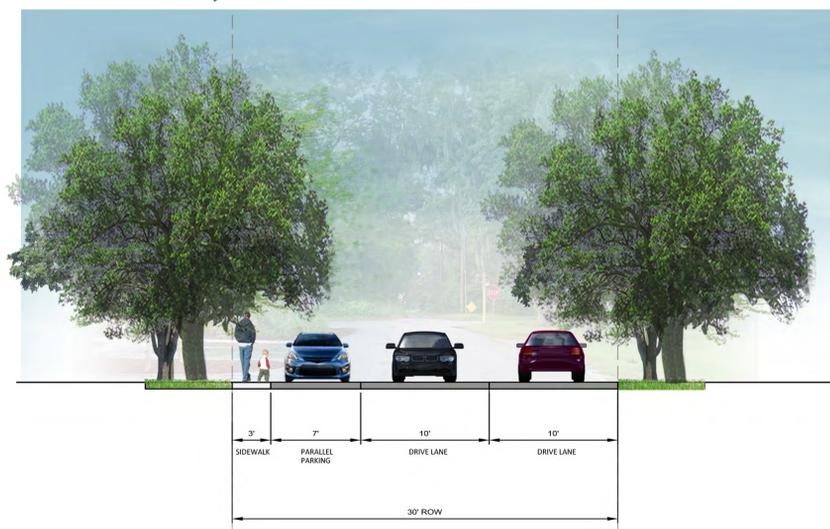
Concrete Sidewalk



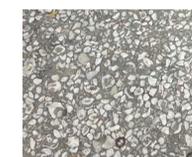
Rain Garden/Bio Swale

- One-way road heading west
- Parallel parking and rain garden bio swale reduces stormwater runoff and increases water quality
- Allows stacking for school pick up and drop off
- Provides additional parking spaces
- No parking during school drop off and pick-up hours

SIDE STREETS (CHURCH, LAWTON, & LAWRENCE STREETS)



Pervious Parking Pavers



Tabby Sidewalk



Tabby with Brick Curb



No Curb Concrete Sidewalk

- Two 10' travel lanes with parallel parking on one side
- 3' Sidewalks, provide every 200 linear feet for ADA compliance
- Cross sections varies depending on existing conditions
- Maintain small roadway feel
- Incorporate wayfinding and signage along side streets



STREETSCAPE SECTIONS CALHOUN STREET STUDY

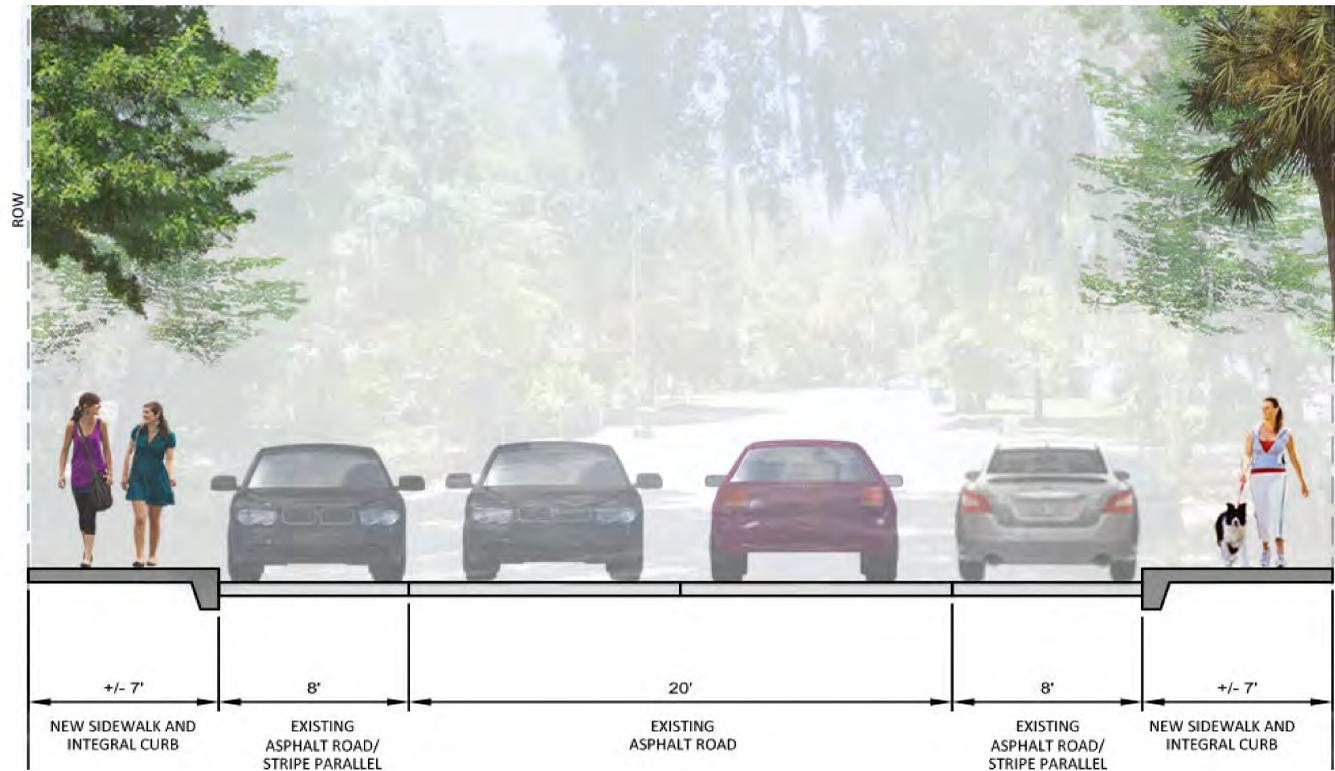
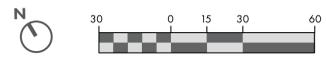
Town of Bluffton, South Carolina
NOVEMBER 10, 2014



THOMAS & HUTTON
Engineering | Surveying | Planning | GIS | Consulting



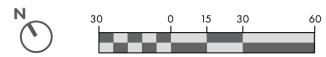
BRIDGE STREET



DESIGN ELEMENTS

- Existing two-way asphalt road
- ADA accessible ramps and pedestrian crossings
- Native plantings and natural character of Bridge St.
- Sidewalk connection to existing sidewalk on Calhoun St. and across the bridge
- Parallel parking on both sides of street
- +/- 6' Concrete sidewalk and integral curb
- +/- 38 Parking spaces

DR. MELLICHAMP DRIVE



DESIGN ELEMENTS

- Complete street including parking, sidewalks, street trees, and bulb-outs
- ADA accessible ramps and pedestrian crossings
- Slow traffic and reduced cross walk distance
- New grading and drainage
- Street trees and grass
- Parallel and/or angled parking on both sides of street
- Relocate overhead power on N. side of Mellichamp Dr. for parking
- (2) 10' Drive lanes
- +/- 6' Concrete sidewalk
- +/- 77 Parking spaces



DR. MELLICHAMP DRIVE CONCEPT PLAN

BLUFFTON, SOUTH CAROLINA

December 30, 2015