Skidaway Island Town Hall

Presented By:

Chatham County Department of Engineering

November 4, 2026

Diamond Causeway @ Lake Street/Westcross Intersection



DRAFT

PHASING DIAGRAM

Ø1	Ø2	Ø3	Ø4
Ø5	Ø6	Ø7 OMIT	Ø8 OMIT

PEDESTRIAN SIGNAL HEADS — LED INCANDESCENT SIGNAL HEADS WITH TP IX RETRO-REFLECTIVE TAPE ON BACK PLATES

P2,P3 — 3A,4A — 2,3,4,6 — 1,5

EXIST R/W
LAKE STREET
L4B
L4A
L5
L1
L3A
L3B
WESTCROSS ROAD
DIAMOND CAUSEWAY (40 MPH)
300' FROM STOP BAR

PROPOSED OVERHEAD STREET SIGNS

Diamond Causeway	Westcross Rd →	← Westcross Rd
D3-1 (#1) 104"X18"	D3-1 (#2) 106"X18"	D3-1 (#3) 106"X18"

Lake St →	← Lake St
D3-1 (#4) 74"X18"	D3-1 (#5) 74"X18"

PEDESTRIAN SIGNS

R10-3e(L) 9"X15" — R10-3e(R) 9"X15"

SIGNAL LEGEND

- PROPOSED SIGNAL HEAD
- EXISTING SIGNAL HEAD
- RELOCATED SIGNAL HEAD
- PROPOSED 4-SECTION SIGNAL HEAD
- PROPOSED 3-SECTION (CLUSTER) SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD

DETECTION LEGEND

- PROPOSED VIRTUAL DETECTION ZONE
- PROPOSED INDUCTIVE LOOP
- PROPOSED VIDEO DETECTION CAMERA
- PROPOSED MAGNETOMETER
- PROPOSED RADAR

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Engineering, Planning, and Environmental Consultants
33 Bull Street, Suite 505
Savannah, Georgia 31401

SCALE IN FEET
0 30 60 120

REVISION DATES

SIGNAL PLANS
DIAMOND CAUSEWAY AT WESTCROSS ROAD/LAKE STREET TRAFFIC SIGNAL DESIGN

		DATE:	
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
27-0001

GPLN-CE
11/05/2020

Diamond Causeway @ McWhorter/Green Island Rd



DIAMOND CAUSEWAY AT GREEN ISLAND ROAD PATH AND TRAFFIC SIGNAL

EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W

LAKE STREET
WESTCROSS ROAD
McWHORTER DRIVE
GREEN ISLAND ROAD
TIDEWATER WAY
DIAMOND CAUSEWAY
DIAMOND CAUSEWAY

LANDINGS ASSOCIATION INC
LANDINGS CLUB INC
LANDINGS ASSOCIATION INC
LANDINGS ASSOCIATION INC

PLANNED TRAFFIC SIGNAL UPGRADES AT WESTCROSS ROAD/LAKE STREET

RETAIN EXIST PATH (TYP)

PROPOSED PI 0019015 IMPROVEMENTS

NOTE

PROPOSED LAYOUT IS PRELIMINARY AND SUBJECT TO CHANGE PENDING FURTHER COORDINATION WITH THE DESIGN TEAM AND CHATHAM COUNTY.

LEGEND

- EXISTING RIGHT-OF-WAY AND PROPERTY LINES
- EXISTING UTILITY POLE
- PI 0019015 SHARED-USE PATH
- PI 0019015 TIMBER SAFETY RAIL
- EXISTING DRAINAGE
- PROPOSED SIGNAL POLE
- PROPOSED MAST ARMS
- PROPOSED PERMANENT PAVING
- PROPOSED SHARED-USE PATH
- PROPOSED CONCRETE MEDIAN
- PROPOSED TIMBER SAFETY RAIL
- PROPOSED TEMPORARY EASEMENT
- PROPOSED DRAINAGE
- PROPOSED DITCH

SCALE IN FEET

0 30 60 120

CHATHAM COUNTY GEORGIA

Kimley»Horn

MAY 2026

Green Island Road Path



P.I. NO. 0019015; CHATHAM COUNTY
GREEN ISLAND ROAD FM S OF LUFBURROW WAY TO DIAMOND CAUSEWAY

SOUTH HARBOR SUBDIVISION

MOON RIVER LANDING SUBDIVISION

LUFBURROW WAY

SAMUEL LYON WAY

WATERWAY DRIVE

STOP

EXIST R/W

WL 1

DELEGAL CREEK

ESA - 25' BUFFER

BEGIN PROJECT

GREEN ISLAND ROAD

T.S. #1

T.S. #1

LANDINGS ASSOCIATIONS INC

FUTURE GRAND HARBOR SUBDIVISION

GRAND HARBOR CIRCLE

MATCHLINE

CONCEPT LAYOUT (PRELIMINARY)

LEGEND

- EXISTING RIGHT-OF-WAY AND PROPERTY LINES
- EXISTING BRIDGE
- ENVIRONMENTALLY SENSITIVE AREA (ESA)
- PROPOSED DRIVEWAY
- PROPOSED SHARED-USE PATH
- PROPOSED CURB & GUTTER
- PROPOSED DRAINAGE
- PROPOSED EASEMENT
- DIRECTIONAL ARROWS
- EXISTING UTILITY POLE
- EXISTING TREE
- CONSTRUCTION LIMITS (CUT)
- CONSTRUCTION LIMITS (FILL)

SCALE IN FEET

0 100 200 400

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MAY 2025

P.I. NO. 0019015; CHATHAM COUNTY
GREEN ISLAND ROAD FM S OF LUFBURROW WAY TO DIAMOND CAUSEWAY

MOON RIVER LANDING SUBDIVISION

OAKRIDGE GOLF COURSE

MARSHVIEW LANDING SUBDIVISION

MARSHSIDE SUBDIVISION

WATERWAY DRIVE

LOG LANDING ROAD

GREEN ISLAND ROAD

SALTWATER WAY

MATCHLINE

MATCHLINE

LANDINGS ASSOCIATIONS INC

EXISTING PRIVATE PATH

STOP

OW 2

OW 4

EXIST R/W

NBSW A

NBSW B

NBSW C

NBSW D

T.S. #1

IS 3

ESA - 25' BUFFER

CONCEPT LAYOUT (PRELIMINARY)

LEGEND

- EXISTING RIGHT-OF-WAY AND PROPERTY LINES
- EXISTING BRIDGE
- ENVIRONMENTALLY SENSITIVE AREA (ESA)
- PROPOSED DRIVEWAY
- PROPOSED SHARED-USE PATH
- PROPOSED CURB & GUTTER
- PROPOSED DRAINAGE
- PROPOSED EASEMENT
- DIRECTIONAL ARROWS
- EXISTING UTILITY POLE
- EXISTING TREE
- CONSTRUCTION LIMITS (CUT)
- CONSTRUCTION LIMITS (FILL)

SCALE IN FEET

0 100 200 400

CHATHAM COUNTY GEORGIA 1777

Kimley»Horn

MAY 2025

P.I. NO. 0019015; CHATHAM COUNTY
GREEN ISLAND ROAD FM S OF LUFBURROW WAY TO DIAMOND CAUSEWAY

PEPPER BUSH CIRCLE
OAKRIDGE GOLF COURSE
THE LANDINGS GOLF & ATHLETIC CLUB
LANDINGS CLUB INC
GREEN ISLAND ROAD
EXIST R/W
T.S. #1
NBSW G
NBSW H
NBSW I
SOUTHSIDE COMMUNITIES FIRE PROTECTION INC
CHATHAM EMERGENCY SERVICES FIRE STATION NO. 9
LANDINGS ASSOCIATIONS INC
T.S. #3
NBSW E
FRANKLIN CREEK ROAD
WESTCROSS ROAD
WESTCROSS ROAD BRIDGE
T.S. #2
PS 5
TIMBER BOARDWALK
ESA - 25' BUFFER
OW 4
IS 7
NBSW F
MARSHSIDE SUBDIVISION
OW 6
MATCHLINE

CONCEPT LAYOUT (PRELIMINARY)

LEGEND

- EXISTING RIGHT-OF-WAY AND PROPERTY LINES
- EXISTING BRIDGE
- ENVIRONMENTALLY SENSITIVE AREA (ESA)
- PROPOSED DRIVEWAY
- PROPOSED SHARED-USE PATH
- PROPOSED CURB & GUTTER
- PROPOSED DRAINAGE
- PROPOSED EASEMENT
- DIRECTIONAL ARROWS
- EXISTING UTILITY POLE
- EXISTING TREE
- CONSTRUCTION LIMITS (CUT)
- CONSTRUCTION LIMITS (FILL)

SCALE IN FEET

0 100 200 400

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MAY 2025

P.I. NO. 0019015; CHATHAM COUNTY
GREEN ISLAND ROAD FM S OF LUFBURROW WAY TO DIAMOND CAUSEWAY

MATCHLINE

OAKRIDGE GOLF COURSE

TARROW RIDGE ROAD

GREEN ISLAND ROAD

FRANKLIN CREEK SPORTS COMPLEX

FRANKLIN CREEK ROAD

DIAMOND CAUSEWAY

MCWHORTER DRIVE

TIDEWATER WAY

EXIST R/W

T.S. #1

T.S. #1

STOP

POTENTIAL FUTURE PATH EXTENSION (TYP)

RETAIN EXIST PATH (TYP)

END PROJECT

OW 8

OW 9

OW 10

ESA - 25' BUFFER

ESA - 25' BUFFER

RETAIN EXIST PATH (TYP)

CONCEPT LAYOUT (PRELIMINARY)

LEGEND

- EXISTING RIGHT-OF-WAY AND PROPERTY LINES
- EXISTING BRIDGE
- ENVIRONMENTALLY SENSITIVE AREA (ESA)
- PROPOSED DRIVEWAY
- PROPOSED SHARED-USE PATH
- PROPOSED CURB & GUTTER
- PROPOSED DRAINAGE
- PROPOSED EASEMENT
- DIRECTIONAL ARROWS
- EXISTING UTILITY POLE
- EXISTING TREE
- CONSTRUCTION LIMITS (CUT)
- CONSTRUCTION LIMITS (FILL)

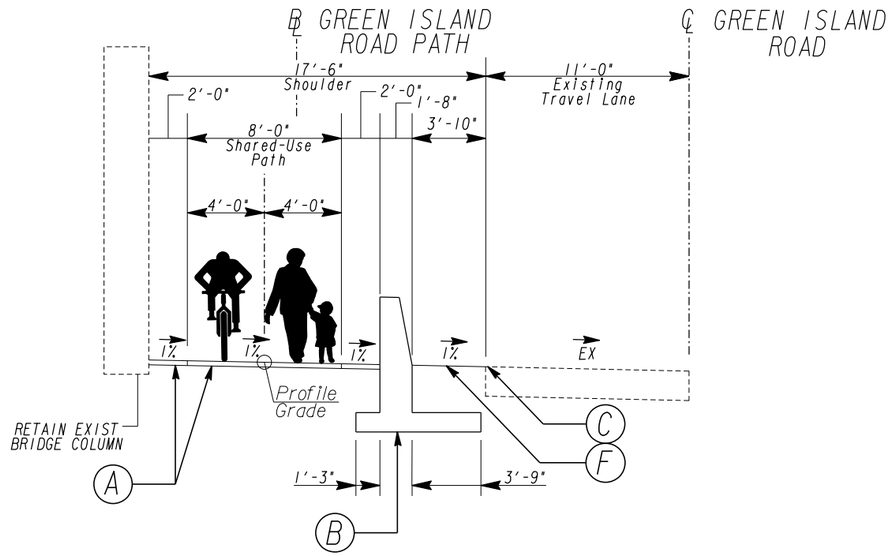
SCALE IN FEET

0 100 200 400

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MAY 2025

Thank You!



WESTCROSS ROAD UNDERPASS DETAIL

GREEN ISLAND ROAD PATH ℄
STA 284+03.65 TO STA 284+47.15 (RT)

GREEN ISLAND ROAD ℄
STA 164+71.38 TO STA 165+17.38 (LT)

PAVEMENT DESIGN

- (A) CONC SIDEWALK, 6 IN
- (B) CONCRETE SIDE BARRIER, TYPE 2-S (GDOT STD 4949B)
- (C) SINUSOIDAL SHOULDER RUMBLE STRIPS - GROUND-IN-PLACE (CONTINUOUS) (GDOT DETAIL T-32)
- (D) CONCRETE SIDE BARRIER, TYPE 7-CS
- (E) CONC CURB AND GUTTER, 6 IN X 30 IN, TP 2
- (F) SOD

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REVISION DATES

TYPICAL SECTIONS

GREEN ISLAND ROAD PATH

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		05-0000
CORRECTED:		DATE:		
VERIFIED:		DATE:		