SR A1A

FROM ROBERTA RD. TO VOLUSIA/FLAGLER COUNTY LINE

Volusia County - FPID 452443-1-52-01

SHEET 1 OF 3

RESILIENCY PLAN - SECANT WALL WITH DUNE RESTORATION AND VEGETATION
STA. 68+50 TO STA. 135+40

SECANT WALL

COMPLETED SECANT WALL WITH DUNE RESTORATION AND VEGETATION

- Emergency repairs performed
- Steep escarpment
- Potential for 10' escarpment during design event
- Probable slope instability impinging into clear zone during 15-yr event
- High SPT material at shallow elevations
- ROW impacts anticipated due to dune restoration
- Wall will be hidden by the dune and vegetation
- FRP reinforcement resists corrosion
- No water quality impacts
- FRP Secant Wall has low maintenance requirements (possible spalling)

FDOT

Volusia County FLORIDA

ROBERTA RD
HOLY ROAD COUNTRY CLUB
HOLIDAY DR
SEAGREST DR
SEAMARK DR
WOODLAND DR
SOUTHERN DR
SANDRA DR
PALM WEST DR
SILVER OAKS DR
SUNSET BLVD
KATIE DR
SPANISH WATERS DR
OCEAN BREEZE DR
SUNRISE AVE
PARKER DR
TERRY DR
WESTERN DR
SAN JOSE DR
SUNNY BEACH DR
IMPERIAL HEIGHTS DR
SURF SIDE DR
OCEAN GROVE DR
SAND DUNES DR

END LIMIT
FPID:442874-1
MP 9.828
(RESURFACING)
FY 2024

BEGIN LIMIT
FPID: 450946-1
MP 9.830
(RESURFACING)
FY 2026

BEGIN PROJECT

BEGIN LIMIT
FPID:446225-1
MP 10.17
(LIGHTING)
FY 2022

END LIMIT
FPID:446225-1
MP 10.18
(LIGHTING)
FY 2022

END LIMIT
FPID:962200-2
MP 10.281
(PLANNING STUDY)
FY UNK

PROPOSED SECANT WALL WITH DUNE RESTORATION AND VEGETATION

LEGEND:

- AREAS OF EMERGENCY SAND PLACEMENT
- AREAS OF EMERGENCY REVETMENT
- AREAS OF REVETMENT REPLENISHMENT
- AREAS OF EMERGENCY PAVEMENT REPAIR
- WORK PROGRAM PROJECTS

SR A1A

FROM ROBERTA RD. TO VOLUSIA/FLAGLER COUNTY LINE

Volusia County - FPID 452443-1-52-01

SHEET 2 OF 3

RESILIENCY PLAN - SECANT WALL WITH DUNE RESTORATION AND VEGETATION
STA. 68+50 TO STA. 135+40

SECANT WALL

COMPLETED SECANT WALL WITH DUNE RESTORATION AND VEGETATION

- Emergency repairs performed
- Steep escarpment
- Potential for 10' escarpment during design event
- Probable slope instability impinging into clear zone during 15-yr event
- High SPT material at shallow elevations
- ROW impacts anticipated due to dune restoration
- Wall will be hidden by the dune and vegetation
- FRP reinforcement resists corrosion
- No water quality impacts
- FRP Secant Wall has low maintenance requirements (possible spalling)

SR A1A

FROM ROBERTA RD. TO VOLUSIA/FLAGLER COUNTY LINE

Volusia County - FPID 452443-1-52-01

SHEET 3 OF 3

RESILIENCY PLAN - SECANT WALL WITH DUNE RESTORATION AND VEGETATION
STA. 328+50 TO STA. 366+00

SECANT WALL

COMPLETED SECANT WALL WITH DUNE RESTORATION AND VEGETATION

- Emergency repairs performed
- Steep escarpment
- Potential for 10' escarpment during design event
- Probable slope instability impinging into clear zone during 15-yr event
- High SPT material at shallow elevations
- ROW impacts anticipated due to dune restoration
- Wall will be hidden by the dune and vegetation
- FRP reinforcement resists corrosion
- No water quality impacts
- FRP Secant Wall has low maintenance requirements (possible spalling)

HIGHBRIDGE RD

VOLUSIA COUNTY
FLAGLER COUNTY

END LIMIT
FPID: 450946-1
MP: 16.726
(RESURFACING)
FY 2026

FLAGLER COUNTY BEACH/DUNE RESTORATION PROJECT

PROPOSED SECANT WALL WITH DUNE RESTORATION AND VEGETATION

PROPOSED FLAGLER COUNTY SECANT WALL WITH DUNE RESTORATION AND VEGETATION

LEGEND:

- AREAS OF EMERGENCY SAND PLACEMENT
- AREAS OF EMERGENCY REVETMENT
- AREAS OF REVETMENT REPLENISHMENT
- AREAS OF EMERGENCY PAVEMENT REPAIR
- WORK PROGRAM PROJECTS