

# SANIBEL CAUSEWAY

Hurricane Ian Damage ~ Response ~ Restoration















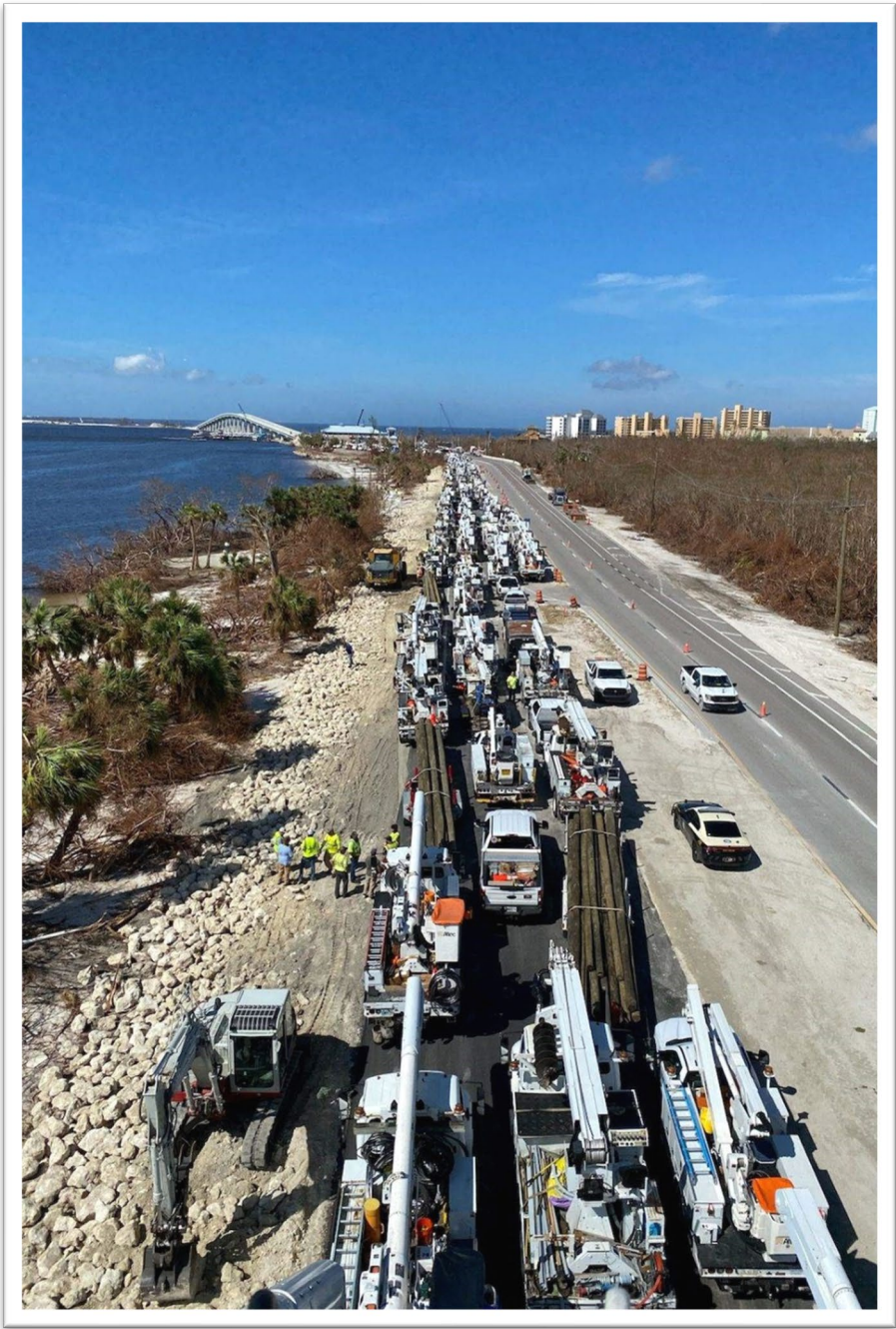


Presentation title









DAY 7

Tuesday, October 11, 2022

Convoy Crossing



DAY 15

Wednesday, October 19, 2022  
Temporary Roadway Open to Traffic

# TEMPORARY ROADWAY



- 20 MPH Speed Limit
- Delays should be expected
- Open to two-way traffic

# WORK ACCOMPLISHED



# SHEET PILE INSTALLATION



# LEAST TERN NESTING

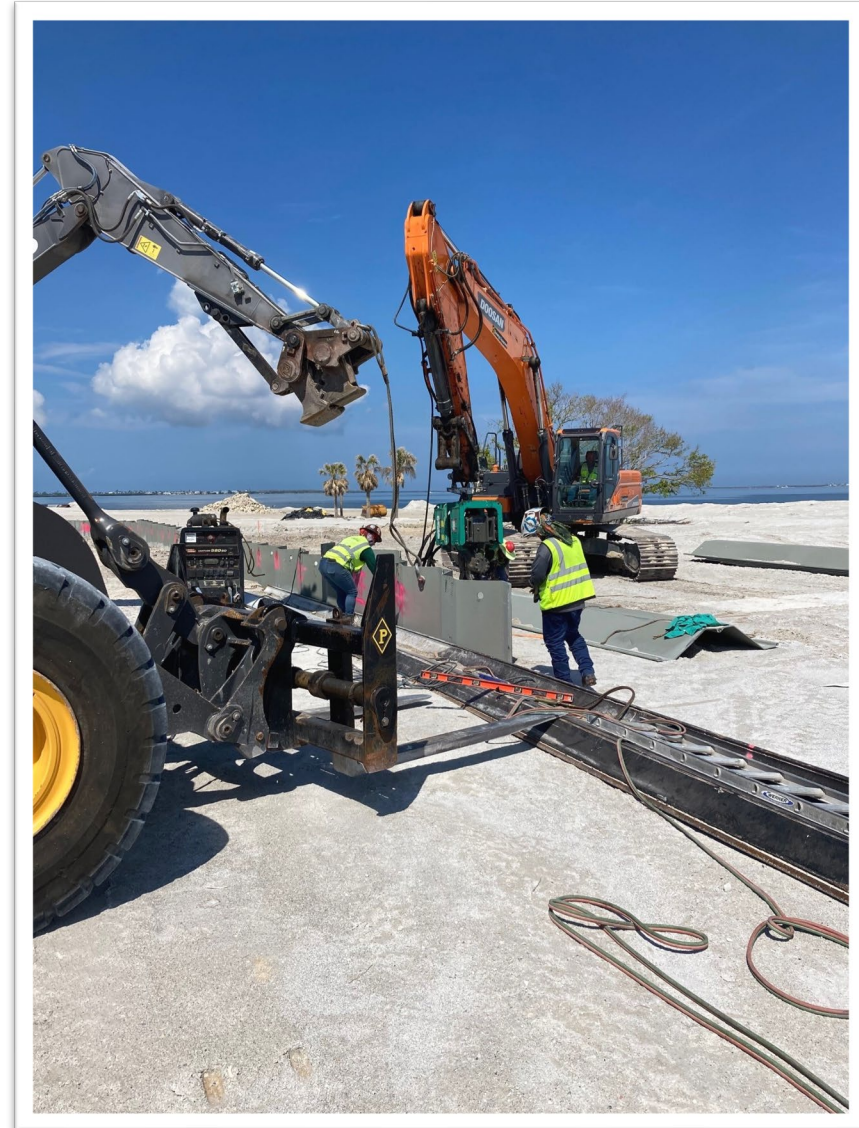




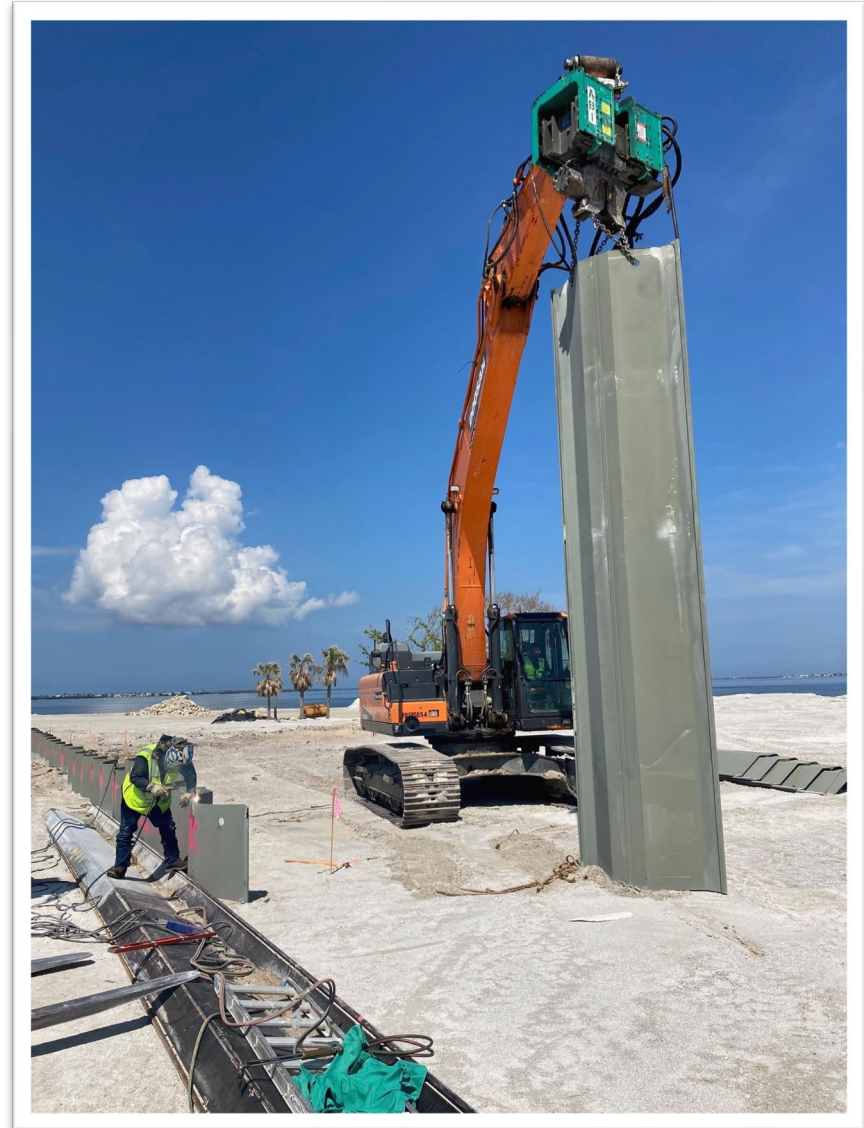
# CURRENT WORK ACTIVITIES

- Installing buried island sheet pile
- Removing Traffic Railing
- Delivery and Prep of Materials
- Begin Temporary Road Construction
- Currently Awaiting Permit for in-water work

Anticipate roadway work to be completed by  
end of 2023

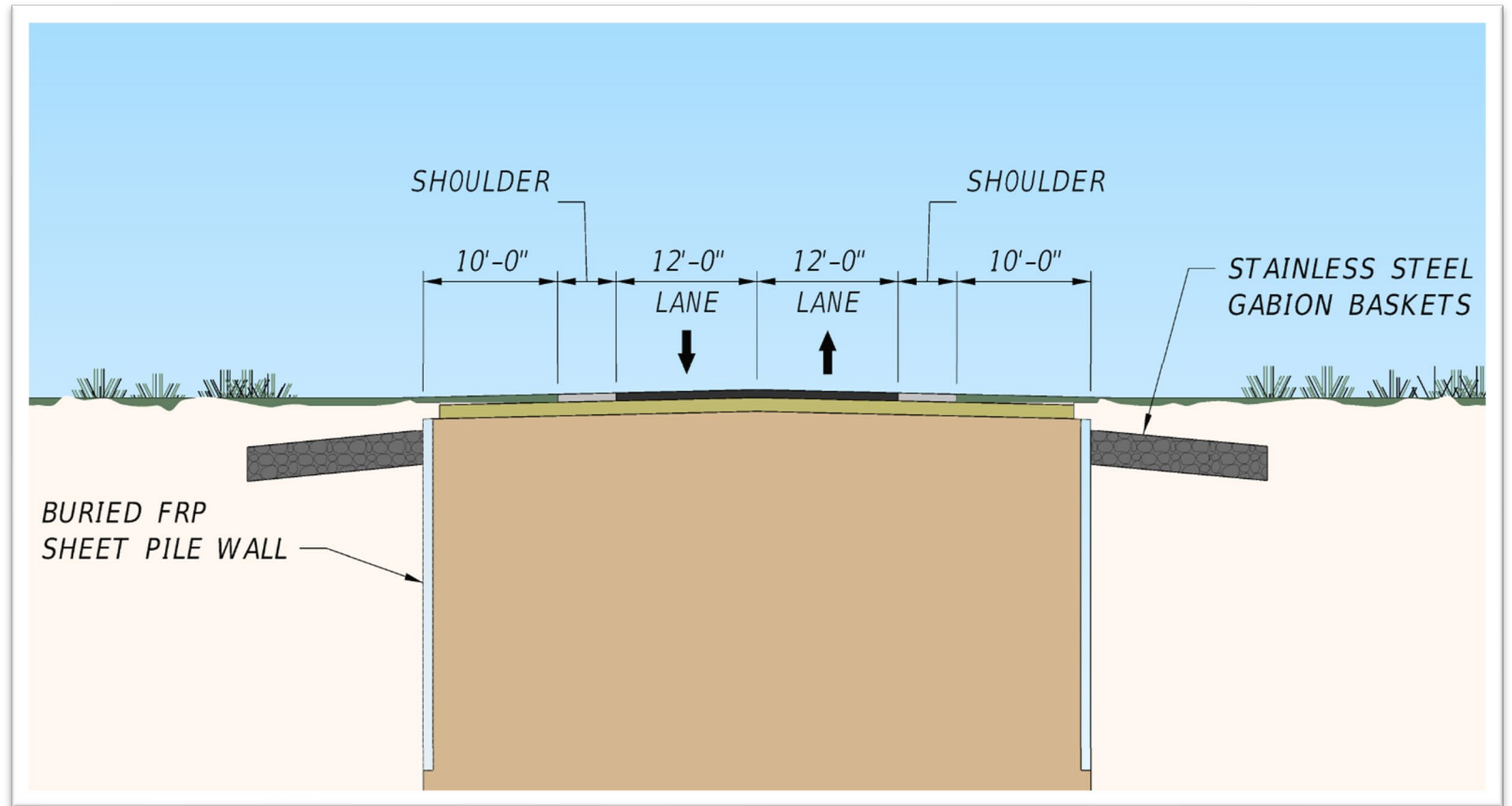


# ON ISLAND SHEET PILE INSTALLATION



# WHAT'S NEXT – ON ISLANDS

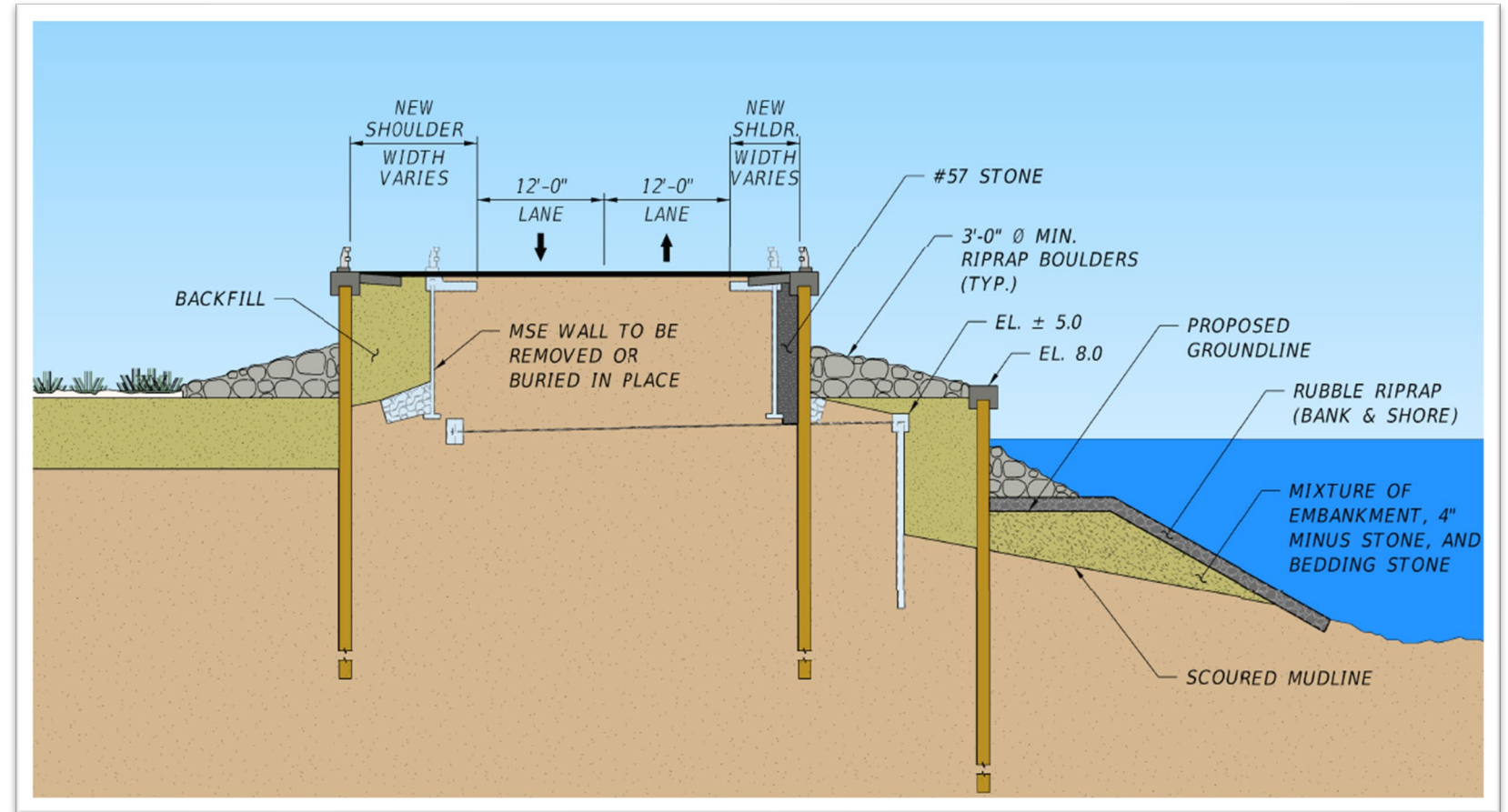
- Continue installing sheet pile along roadway
- Raise roadway approximately 2'
- Protect sides with "mattresses" (buried baskets filled with rock)
- Bury toe protection for upland walls
- Install new roadway drainage system
- Rebuild drainage ponds
- Rebuild approach slabs - *will require lane closures and traffic shifts.*



DRAFT GRAPHIC - FOR CONCEPT DISCUSSION PURPOSES ONLY

# WHAT'S NEXT – IN WATER

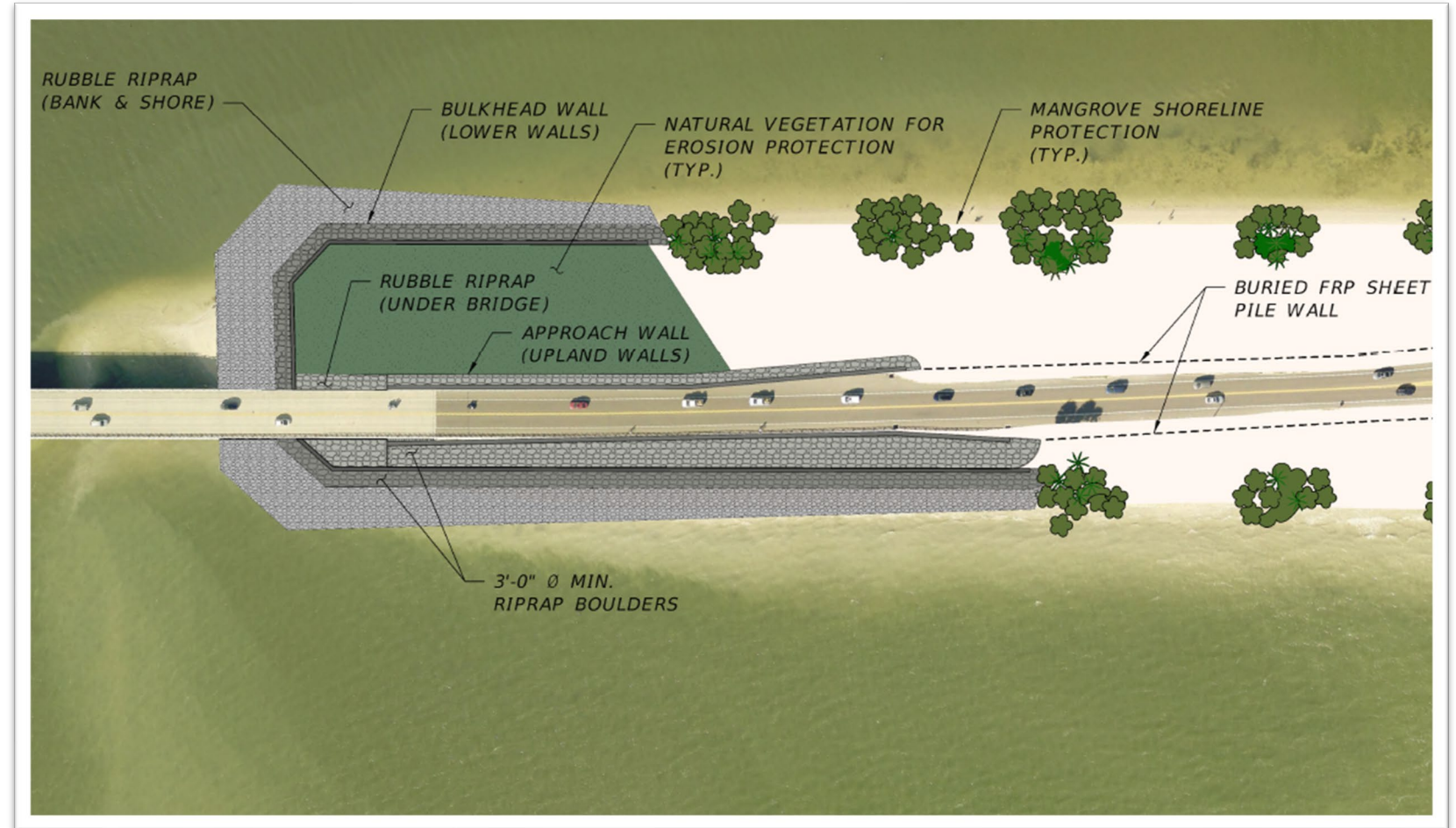
- Continue deep steel sheet pile walls
- Raise seawall elevation to 8'
- Reinforce toe of seawall
- Install additional rip rap protection
- Install larger and heavier protection at exposed areas between seawall and bridge abutments
- Replace MSE Wall with deep foundation wall
- Backfill Stone
- Form and Pour Seawall Caps



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# BEYOND ROADWAY

- Grey vs. Green Infrastructure
- Install native/resilient planting for natural hardening (mangroves, etc.)
- Coordinate Causeway Park Facilities



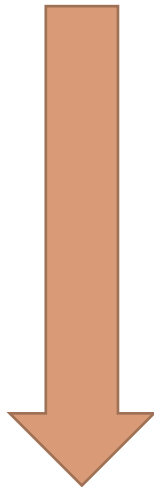
# FUNDING

Total project cost is estimated at \$285 Million\*  
paid by the State of Florida



FHWA scheduled to reimburse approximately \$239 Million\*  
(reimbursement can take up to 4 years)

+ \$5.6 Million\*  
by Lee County  
for  
Recreational  
Amenities



\$46.1 Million\* by Lee County

- FHWA anticipated to pay 80% of cost of permanent repairs
- Leaves 20% for State of Florida or Lee County to pay

\*Project Costs are estimated

# SAFETY MEETINGS



# QUESTIONS?

Jennifer Dorning  
Sanibel Causeway Community Liaison

[Jennifer.Dorning@dot.state.fl.us](mailto:Jennifer.Dorning@dot.state.fl.us)  
239-338-7723



**FDOT**

**Hurricane Ian Sanibel Island Access**

from Sextant Drive to Port Comfort Road

[www.swflroads.com/SanibelCauseway](http://www.swflroads.com/SanibelCauseway)

*\*PUBLIC ACCESS TO THE CAUSEWAY ISLANDS IS PROHIBITED DURING CONSTRUCTION\**

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