

SW 10TH ST. CONNECTOR

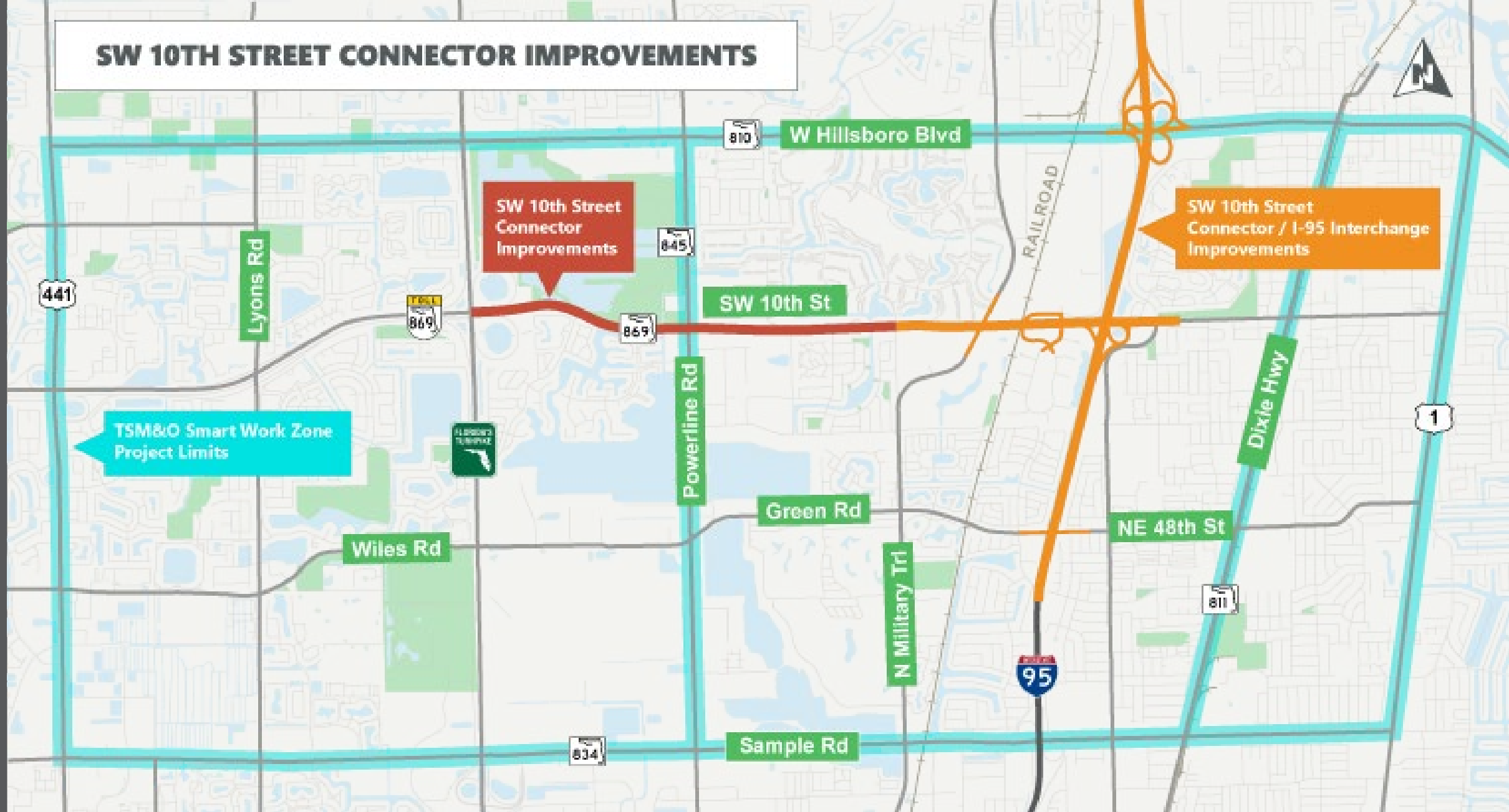
FDOT DISTRICT 4

STRUCTURE AESTHETICS PRESENTATION
Deerfield Beach Commission
February 21, 2023

Vanita Saini, P.E.
FDOT Project Manager



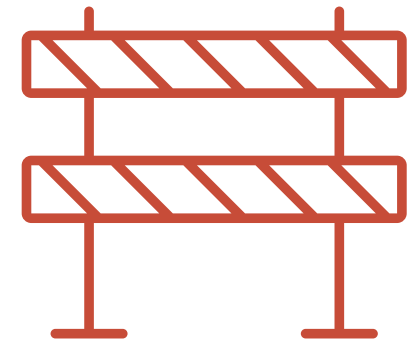
SW 10TH STREET CONNECTOR IMPROVEMENTS



Procurement and Construction Starts

- **SW 10th Street Connector / I-95 Interchange (436964-2)**
 - Advertise for Design-Build Construction Contract: **February 2023**
 - Letting: **January 2024**
 - Begin Construction: **Approx. Q4 2024**

- **SW 10th Street Connector (west of SW 24th Avenue) (439891-1)**
 - Advertise for Design-Build Construction Contract: **February 2024**
 - Letting: **January 2025**
 - Begin Construction: **Approx. Q4 2025**



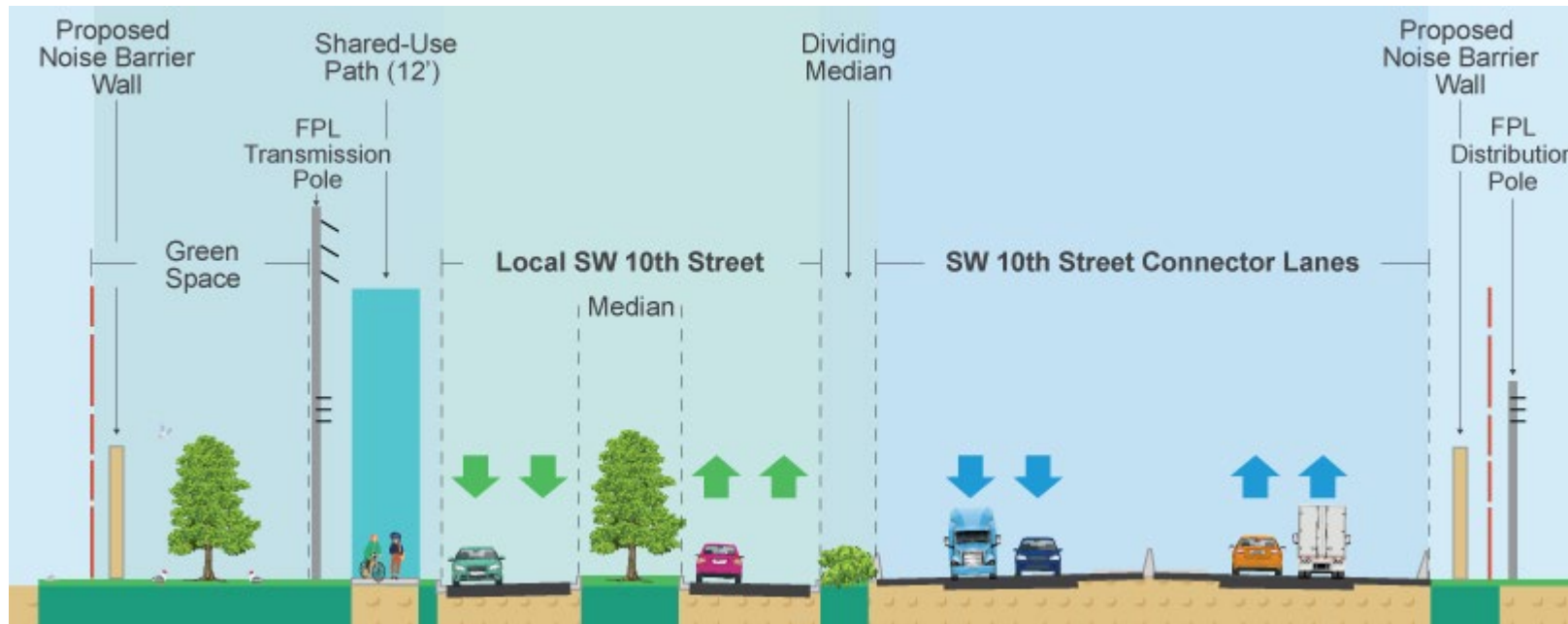
SW 10th Street Connector - Roadway

1 Local SW 10th Street

- Access for all Businesses and Residential Communities
- Lower Speed
 - (35 mph)
- Bicycle and Pedestrian Facilities

2 SW 10th Street Connector Lanes

- Regional Connection
- Higher Speed
 - (60 mph)
- Limited Access (No Tolls)
- Trucks Allowed








Aesthetics Charrette – September 19, 2022

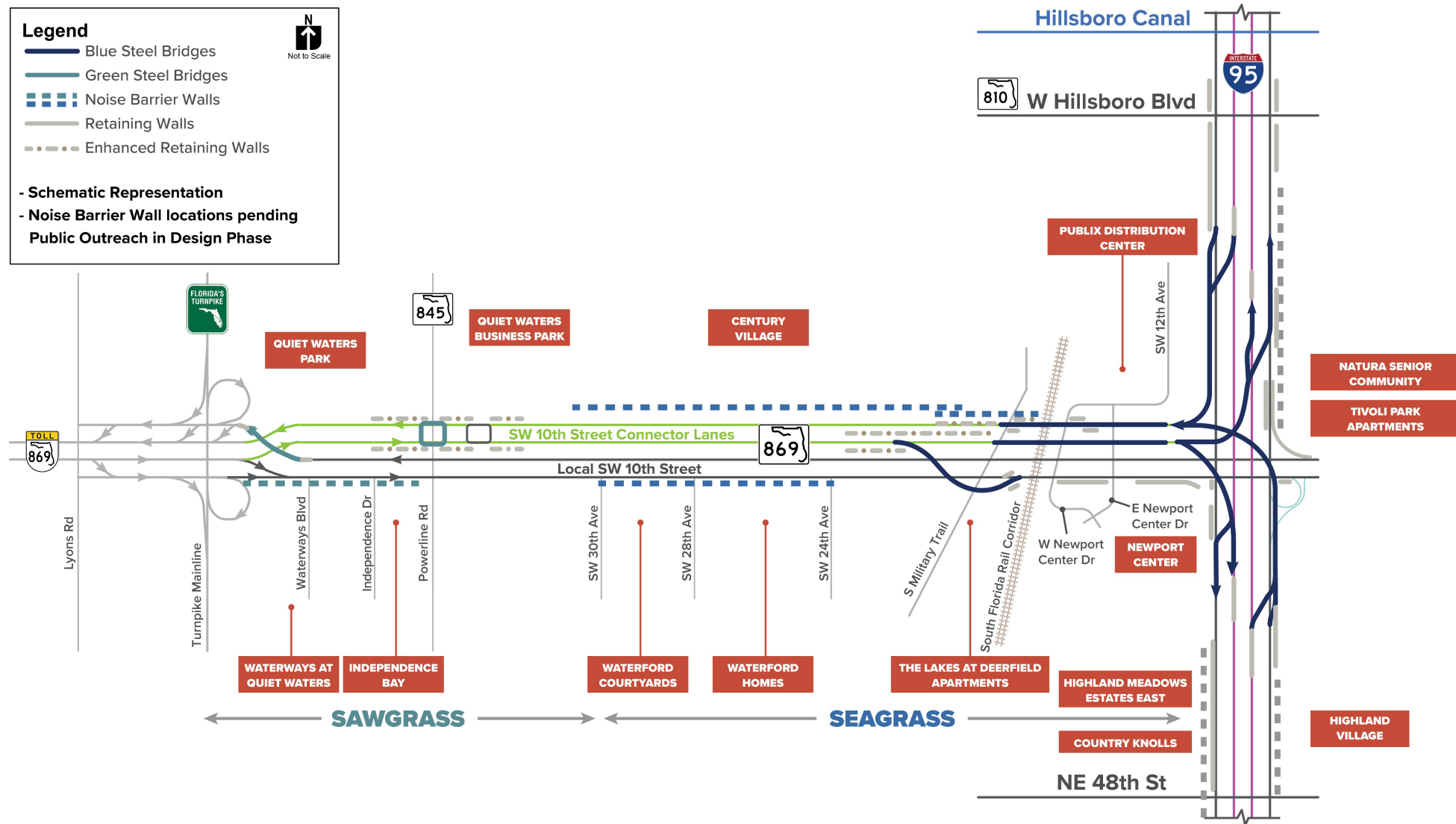


Structures

Legend

-  Blue Steel Bridges
-  Green Steel Bridges
-  Noise Barrier Walls
-  Retaining Walls
-  Enhanced Retaining Walls

- Schematic Representation
- Noise Barrier Wall locations pending Public Outreach in Design Phase



Aesthetic Elements



SAWGRASS

Working inland from the breathtaking coastline of the Atlantic Ocean to the vast wetlands and marshes of western Broward.



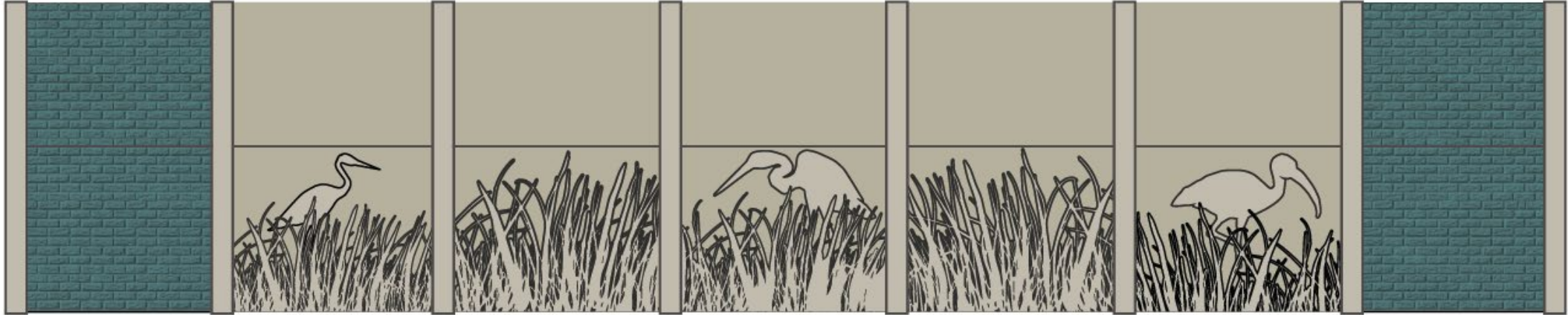
SEAGRASS

Inspired by the miles of beautiful Atlantic Ocean shoreline.

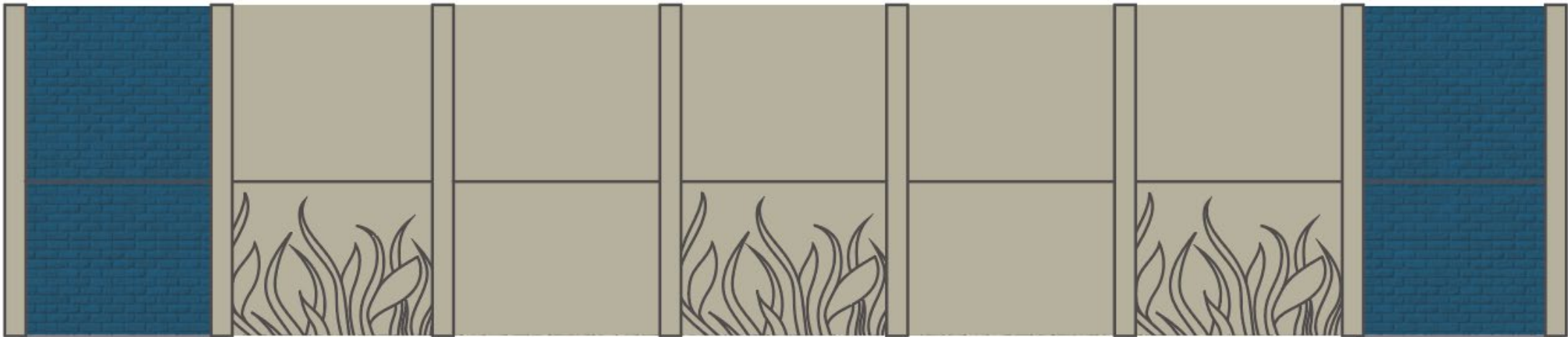
- Ground Mounted Noise Barrier Walls
- Retaining Walls
- Bridge Piers / Straddles
- Bridge Steel Girder Coating

Recommended Sawgrass and Seagrass Conceptual Noise Barrier Walls

SAWGRASS OPTION 1 (Federal Standard 15193 / FDOT Standard Tex Cote Sandalwood)



SEAGRASS OPTION 1 (Federal Standard 15123 / FDOT Standard Tex Cote Sandalwood)

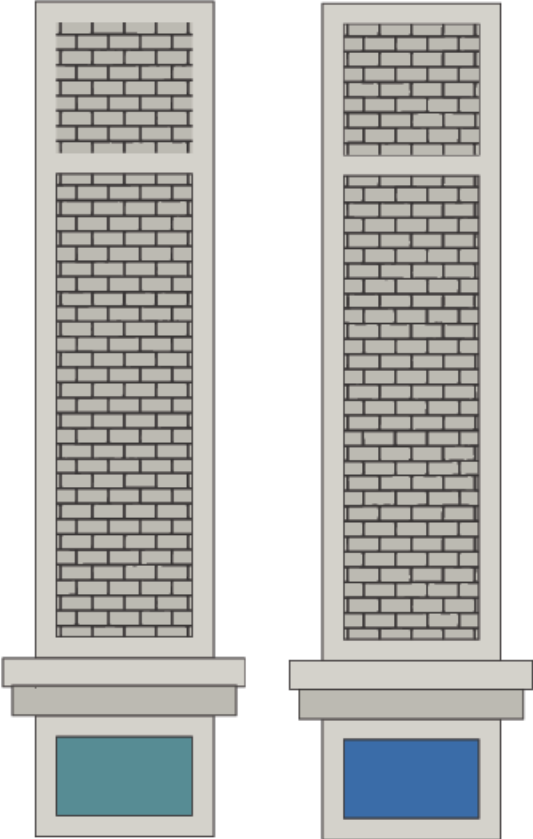


Recommended MSE Retaining Wall Texture & Architectural Enhancements

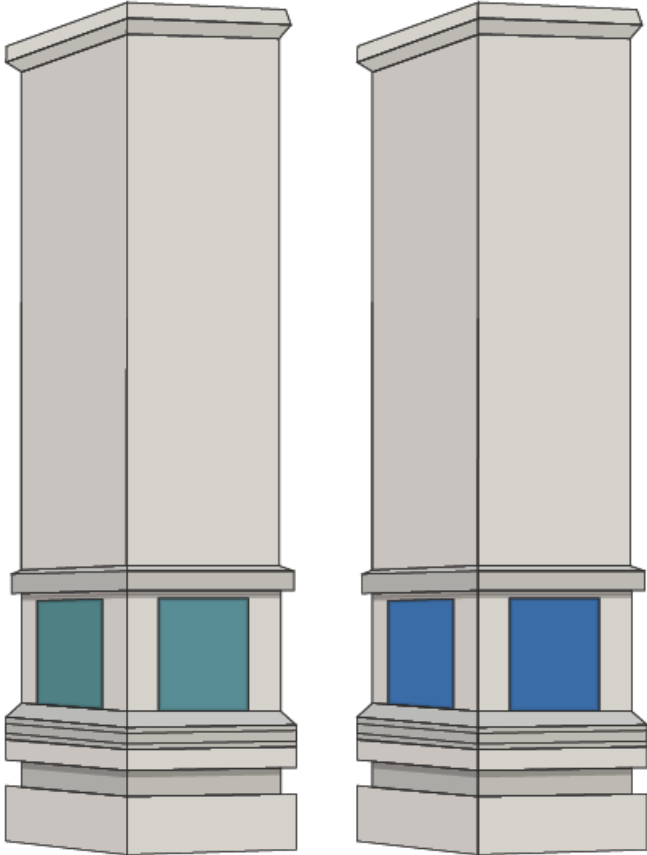


Option 1: Ashlar Stone

MSE Enhancement Pylon
*Color to change based on location

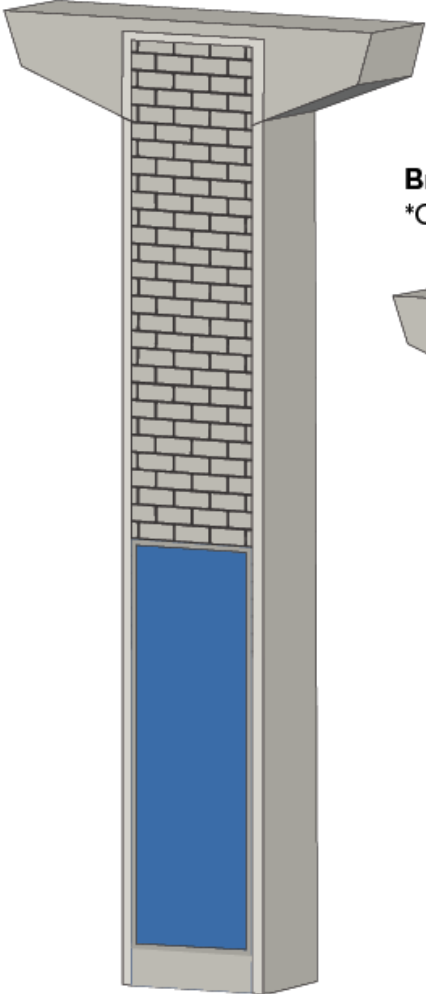


MSE Bridge Corner Pylon
*Color to change based on location

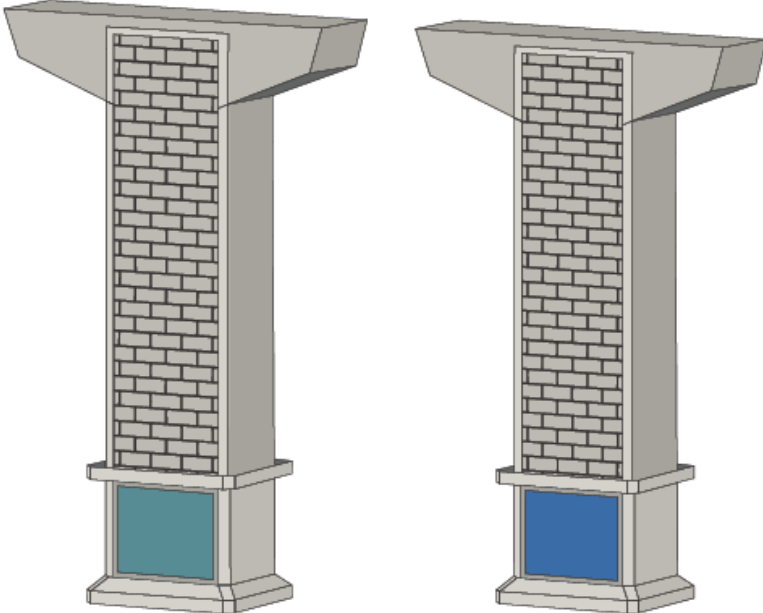


Recommended Bridge Piers

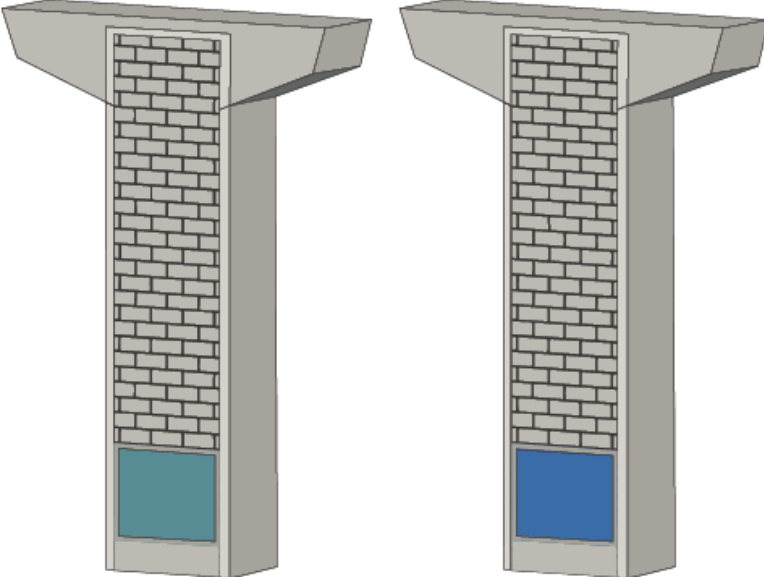
Brick formliner | 2-Tone | Gateway Piers



Brick formliner | 2-Tone | With Pier Base
*Color to change based on location



Brick formliner | 2-Tone | Without Pier Base
*Color to change based on location



SW 10th St Connector Lanes (left) vs Local SW 10th St (right) Decision Point: Looking East as motorists leave the Sawgrass Expressway





Local SW 10th Street near Waterways Boulevard: Looking West



Independence Bay & Waterways Noise Barrier Walls

West of Independence Bay Entrance: Looking West





**SW 10th Street
Connector over
Powerline Road:
Looking South**



**SW 10th Street
Connector over
Powerline Road:
Looking North**



Local SW 10th Street Intersection at Powerline Road: Looking West



Local SW 10th Street with connector lanes elevated over Powerline Road: Looking Northwest



Local SW 10th Street & connector lanes near SW 30th Avenue: Looking Northwest



Local SW 10th Street / SW 30th Avenue: Looking East



Green Space and Shared Use Path to the south of Local SW 10th Street Near SW 28th Ave



SW 10th St Connector Lanes / Local SW 10th St – Looking West



Local SW 10th Street Connector Near SW 24th Ave



**SW 10th Street
Connector over
Military Trail:
Looking North**



**SW 10th Street
Connector over
Military Trail:
Looking South**



SW 10th Street Connector Newport Center Drive/SW 12th Ave: Looking South



SW 10th Street Connector Newport Center Drive: Looking North



**SW 10th Street
Connector /
I-95 Interchange:
Looking Southwest**



SW 10th Street Connector / I-95 Interchange: Looking West

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