



Florida Department of
TRANSPORTATION

Florida Department of Transportation Roadway Improvement Projects

Presentation to Key West City Commission





Construction Project Team

- FDOT Project Manager: George Hoffman, P.E.
- Consultant Project Manager: Anthony Sabbag, CGC
- Consultant Engineer: Hector Rodriguez, M.S, P.E.
- Consultant Project Engineer: Eduardo “Eddie” Jimenez, P.E.
- Consultant Project Administrator: Felix Rodriguez
- Community Outreach Specialist: Julie Brown



List of Projects

- **250548-8/9:** SR A1A/S Roosevelt Boulevard
from Bertha Street to the end of Smathers Beach
- **443892-1:** SR 5/Whitehead Street
from Fleming Street to Truman Avenue
- **446007-1:** SR A1A/S Roosevelt Boulevard
from Go Lane to SR 5/US 1/North Roosevelt Boulevard
- **443900-1:** SR 5/Frontage Road at Boca Chica Key



Projects Schedule and Cost

Construction Start	1/30/2023
Construction Duration	800 days*
Construction End	Spring 2025
Total Estimated Construction Cost	\$28,407,873



The Department has provided a maximum \$580,000 incentive to complete this project in fewer than 800 days.

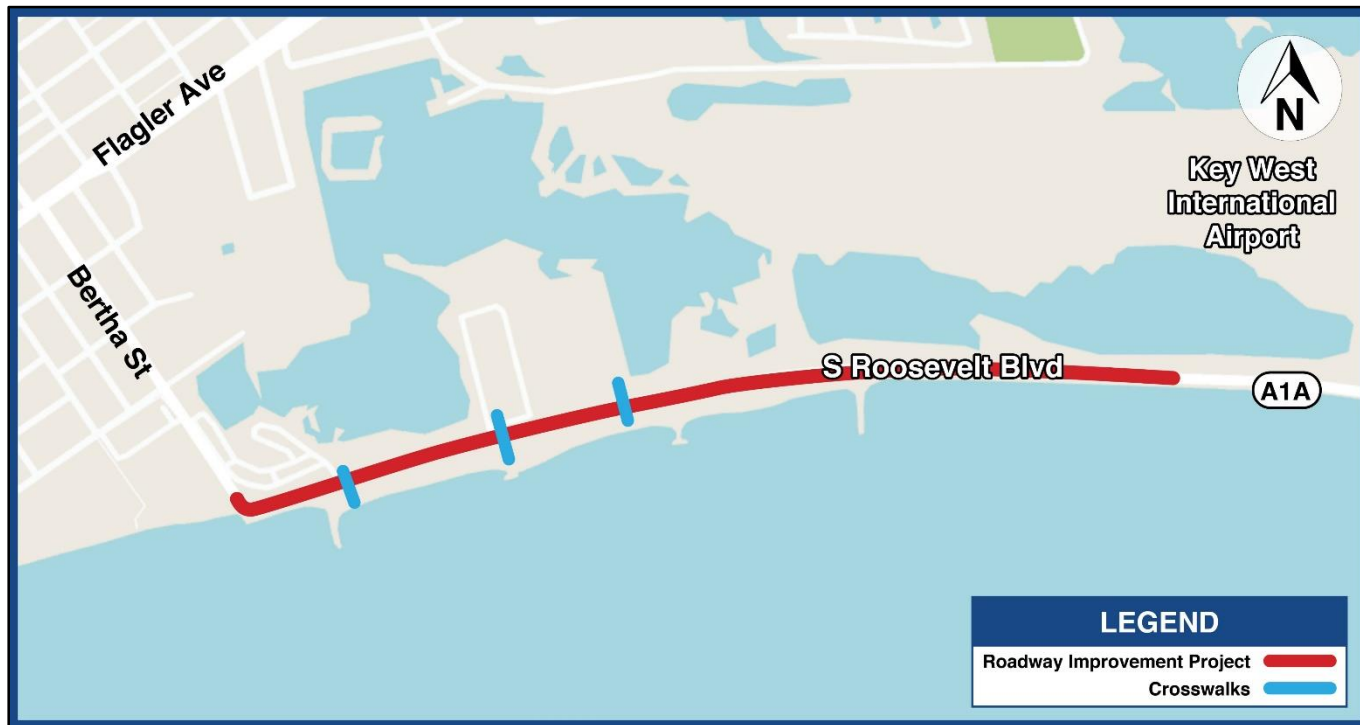
*Schedule may change due to weather or other unforeseen circumstances.



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SR A1A/S Roosevelt Boulevard
from Bertha Street to Smathers Beach and
from E of La Brisa to E of Key West by the Sea
FINS 250548-8-5201 and 250548-9-5201

Project Location





Project Schedule and Cost

Construction Start	1/30/2023
Construction Duration	800 days*
Construction End	Spring 2025
Estimated Construction Cost	\$23,251,709

- The roadway design for this project was developed by the City of Key West in coordination with FDOT.
- This is a resiliency project that will close seawall gaps, upgrade drainage and install a water pump station for mitigation of tidal flooding.

*Schedule may change due to weather or other unforeseen circumstances.



Project Scope

- Raising the roadway up to 17.5 inches
- Repairing and closing retaining wall gaps
- Installing a water pump station system and upgrading storm drainage for mitigation of tidal flooding
- Reconstructing the existing promenade along the south side of the roadway



Project Scope

- Adding some sidewalk along the north side of the roadway
- Upgrading curb ramps
- Installing three pedestrian crosswalks with Pedestrian Hybrid Beacons (PHBs)
- Repaving and restriping the roadway
- Installing new signage and pavement markings

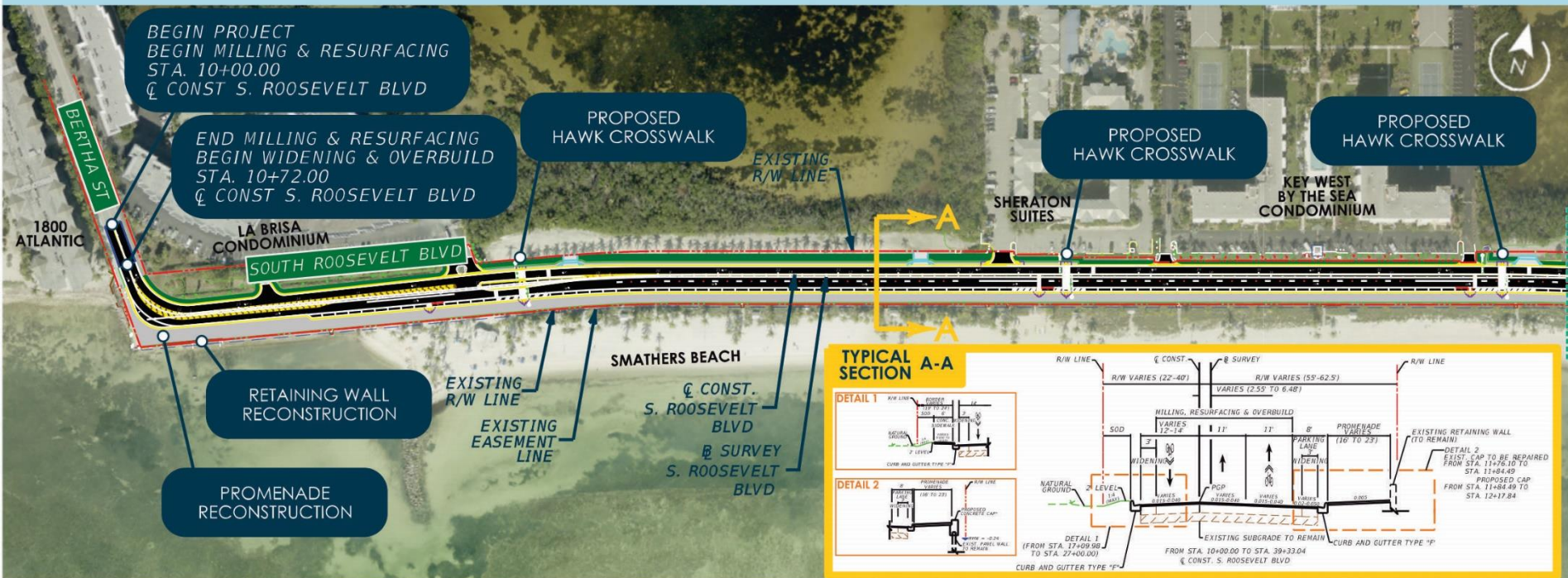


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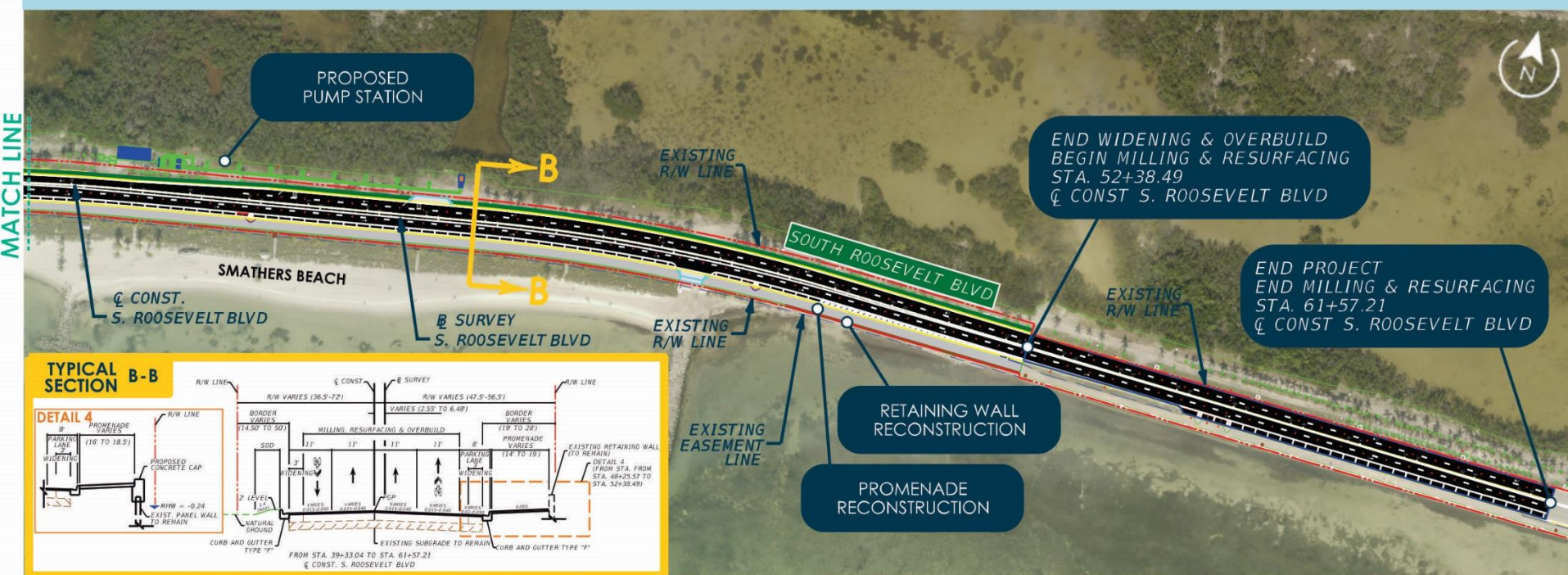
SR A1A/S Roosevelt Boulevard
from Bertha Street to Smathers Beach and
from E of La Brisa to E of Key West by the Sea
FINS 250548-8-5201 and 250548-9-5201

The west portion of the SR A1A/South Roosevelt Boulevard project

FM: 250548-8-52-01 | STATE ROAD NO. A1A / SOUTH ROOSEVELT BLVD FROM BERTHA ST TO END OF SMATHERS BEACH



FM: 250548-8-52-01 | STATE ROAD NO. A1A / SOUTH ROOSEVELT BLVD FROM BERTHA ST TO END OF SMATHERS BEACH



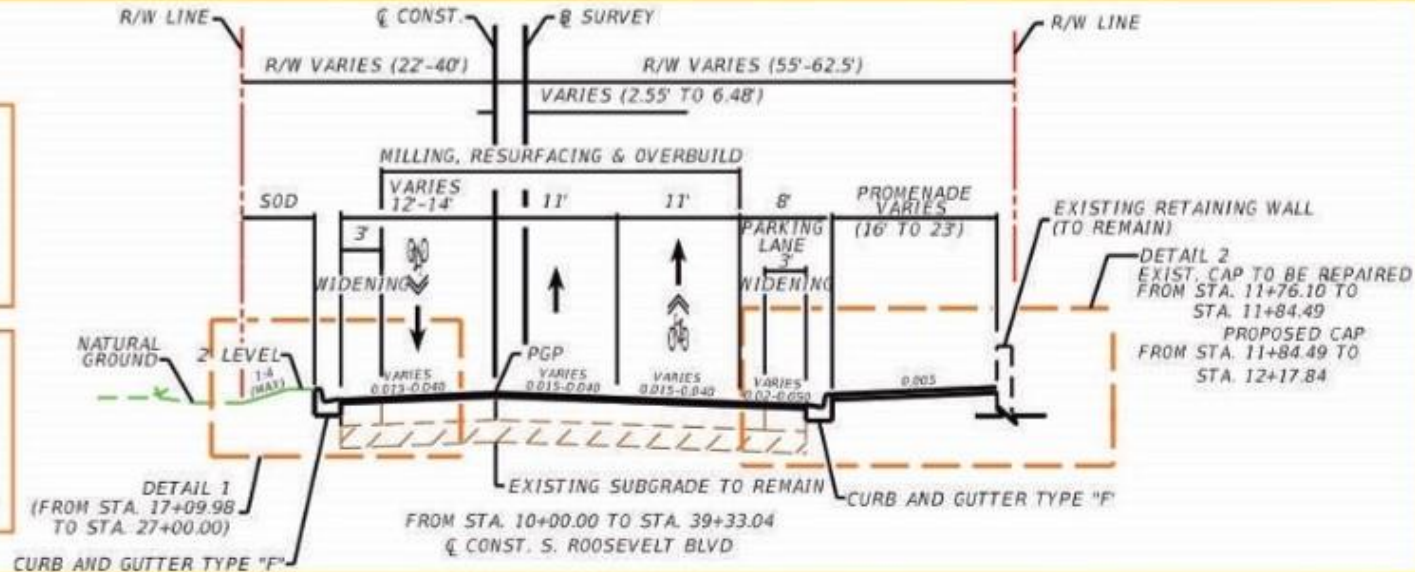
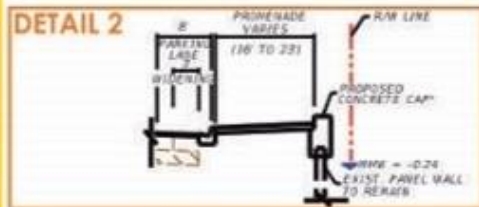
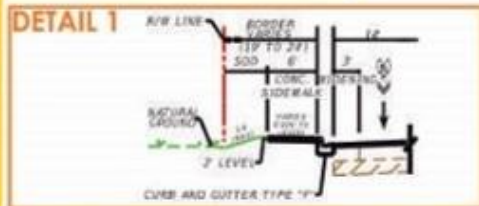


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SR A1A/S Roosevelt Boulevard
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The west portion of the SR A1A/South Roosevelt Boulevard project

TYPICAL SECTION A-A





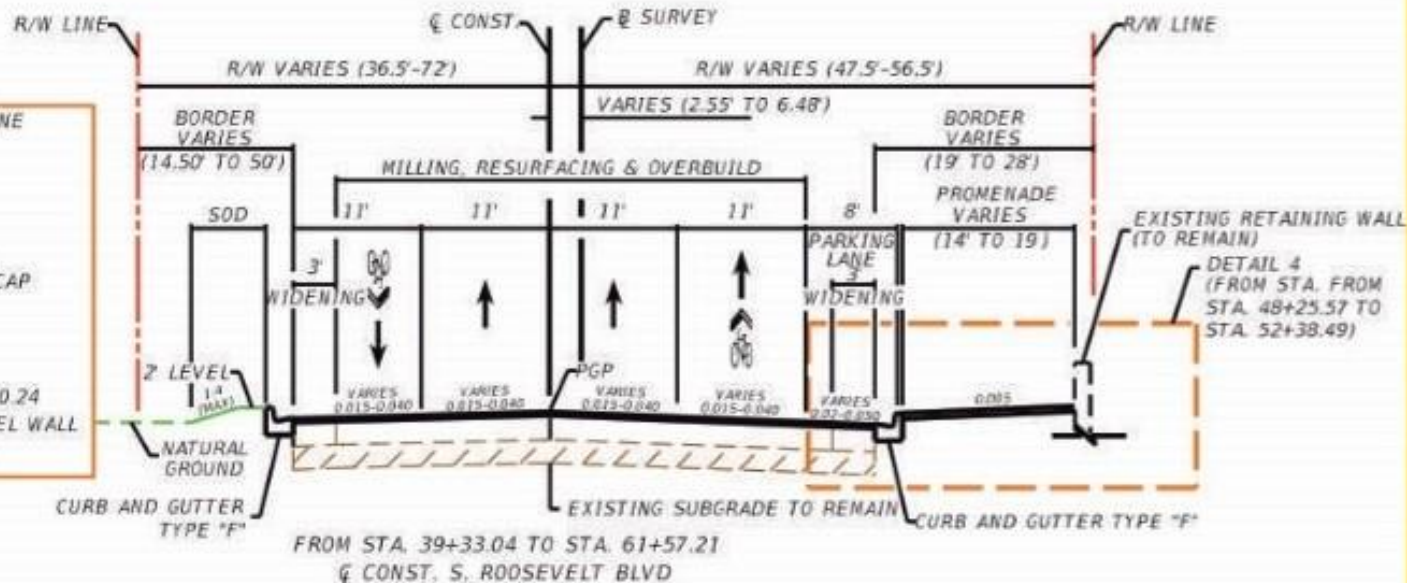
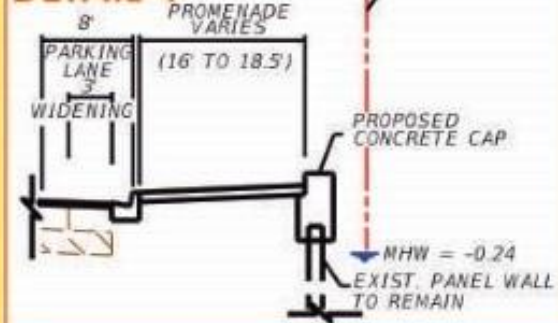
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SR A1A/S Roosevelt Boulevard
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The east portion of the SR A1A/South Roosevelt Boulevard project

TYPICAL SECTION B-B

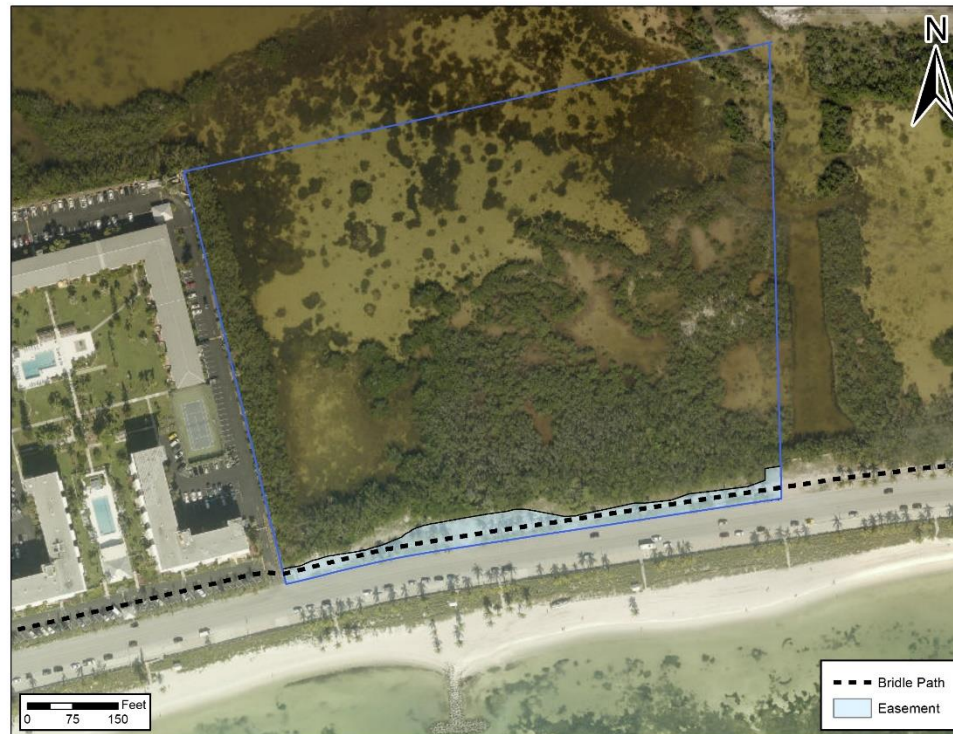
DETAIL 4



Section 4(f) Resources

Bridle Path

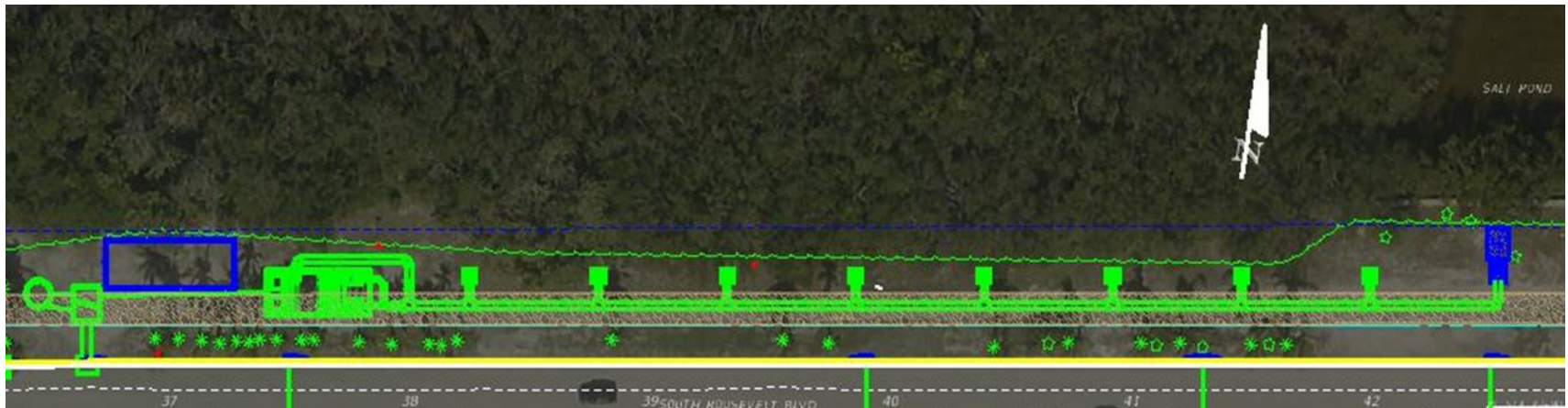
- Permanent easement required for the installation of drainage system
- Required permanent transportation use of property for pump station





Section 4(f) Resources

- This portion of the Bridle Path will be temporarily closed during construction
- Once complete, the newly installed drainage system will not interfere with use of the Bridle Path
- Section 4(f) *de minimis* finding is anticipated. A *de minimis* is the minimum requirement when a project would result in a take or use from a Section 4(f) property.





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SR A1A/S Roosevelt Boulevard
from Bertha Street to Smathers Beach and
from E of La Brisa to E of Key West by the Sea
FINS 250548-8-5201 and 250548-9-5201

Current Conditions





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SR A1A/S Roosevelt Boulevard
from Bertha Street to Smathers Beach and
from E of La Brisa to E of Key West by the Sea
FINS 250548-8-5201 and 250548-9-5201

Project Rendering





Maintenance of Traffic

- No detours are anticipated but traffic will be reduced to one lane in each direction during construction
- Access to adjacent residences and businesses will be maintained
- Any additional lane closures will be during non-peak hours (9 a.m. to 4 p.m., Monday through Friday, and 9:30 p.m. to 5 a.m., Sunday through Thursday) on non-event days, nights and weekends



Maintenance of Traffic

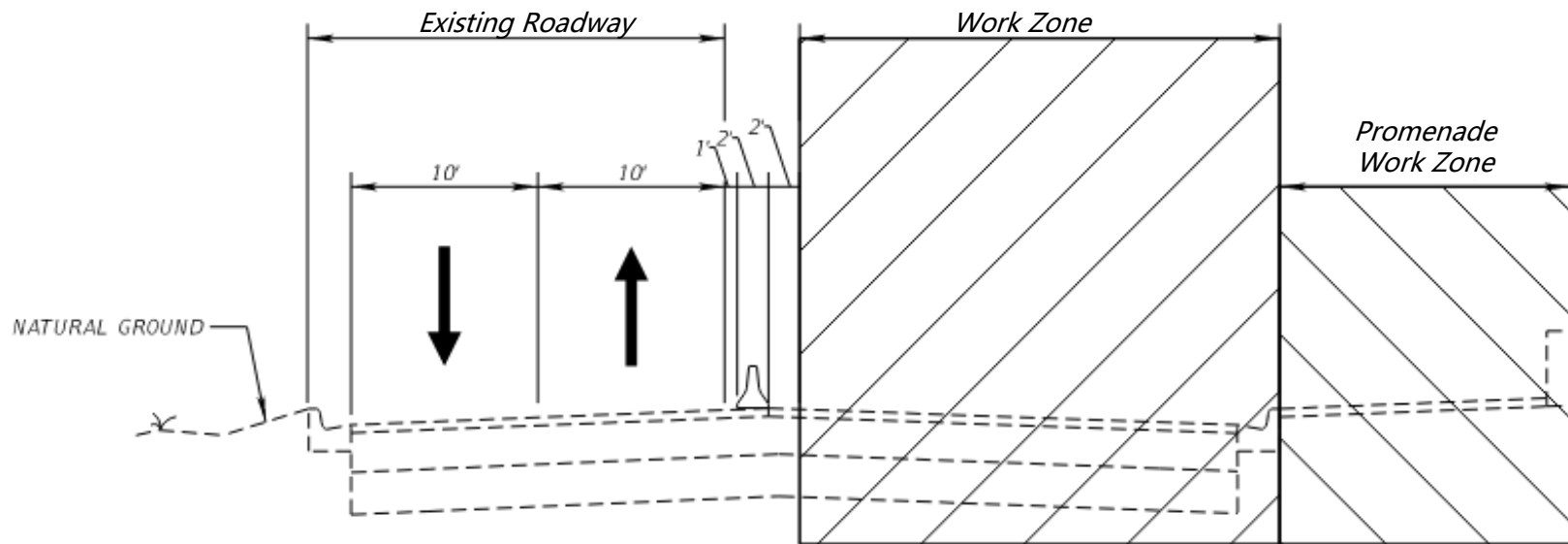
- Parking will be available in the lots on the north side of the road
- Crosswalks will allow for pedestrian access to the promenade and beach
- Sidewalk will be maintained along the promenade
- Bicyclists can utilize the travel lane or the promenade



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FINS 250548-8-5201 and 250548-9-5201

Maintenance of Traffic



Two-lane, two-way of South Roosevelt Boulevard



Project Location





Project Schedule and Cost

Construction Start	1/30/2023
Construction Duration	180 days*
Construction End	Summer 2023
Estimated Construction Cost	\$2,631,721



The Department has provided a maximum \$120,000 incentive to complete this project in fewer than 180 days

*Schedule may change due to weather or other unforeseen circumstances



Project Scope

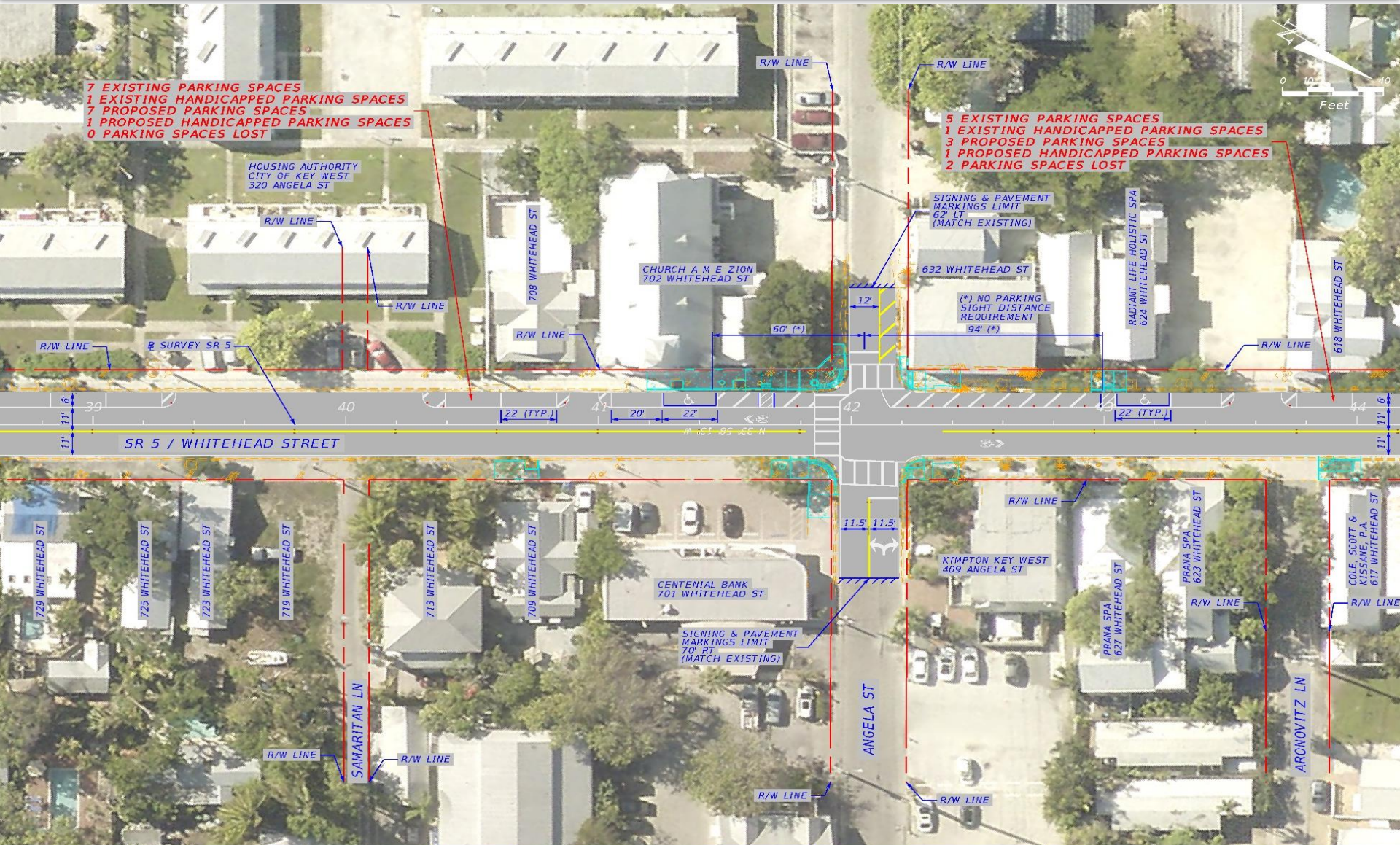
- Replacing damaged sidewalks
- Repaving and pavement reconstruction
- Upgrading pedestrian signals, detectors, and ramps
- Upgrading existing lighting to Light Emitting Diode (LED)
- Upgrading signage along the corridor
- Restriping the roadway

SR 5/Whitehead Street and Truman Avenue

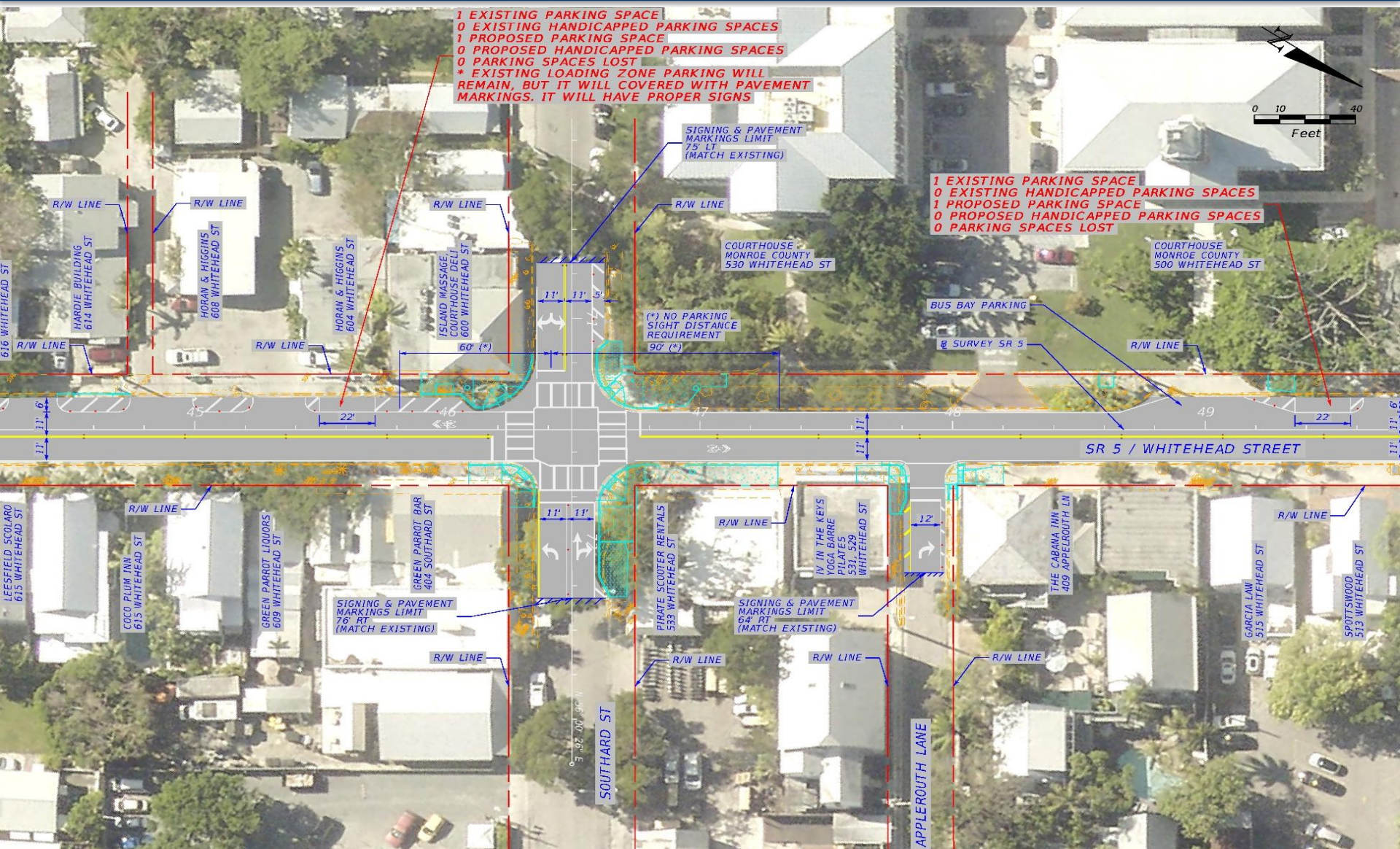


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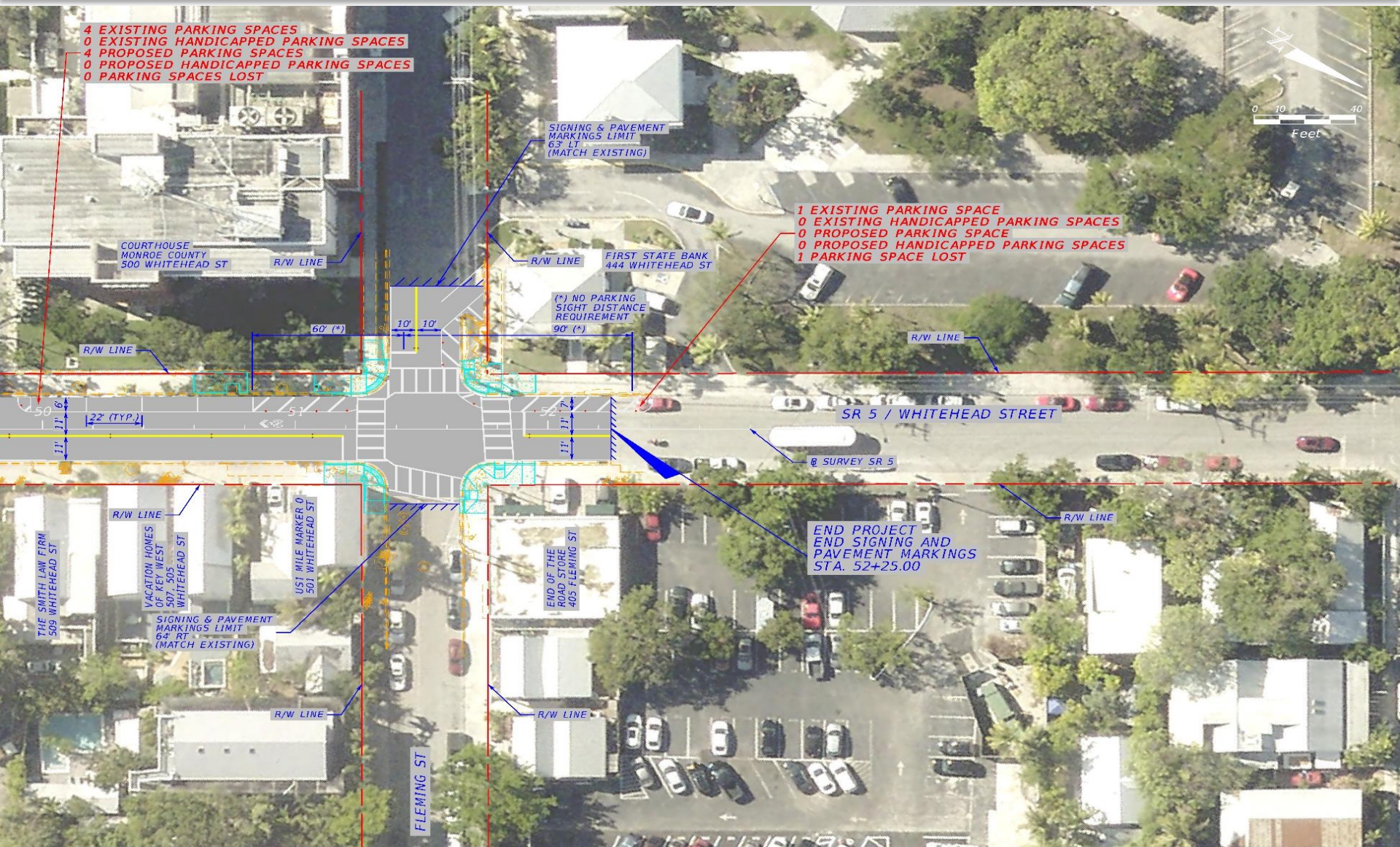
SR 5/Whitehead Street and Angela Street



SR 5/Whitehead Street from Southard Street to Applerouth Lane



SR 5/Whitehead Street and Fleming Street





Maintenance of Traffic

- Work will take place from 8 a.m. to 8 p.m., Monday through Friday
- Daytime closures of Whitehead Street in both directions limited to one block at a time
- Temporary closure of some side streets will be necessary



Maintenance of Traffic

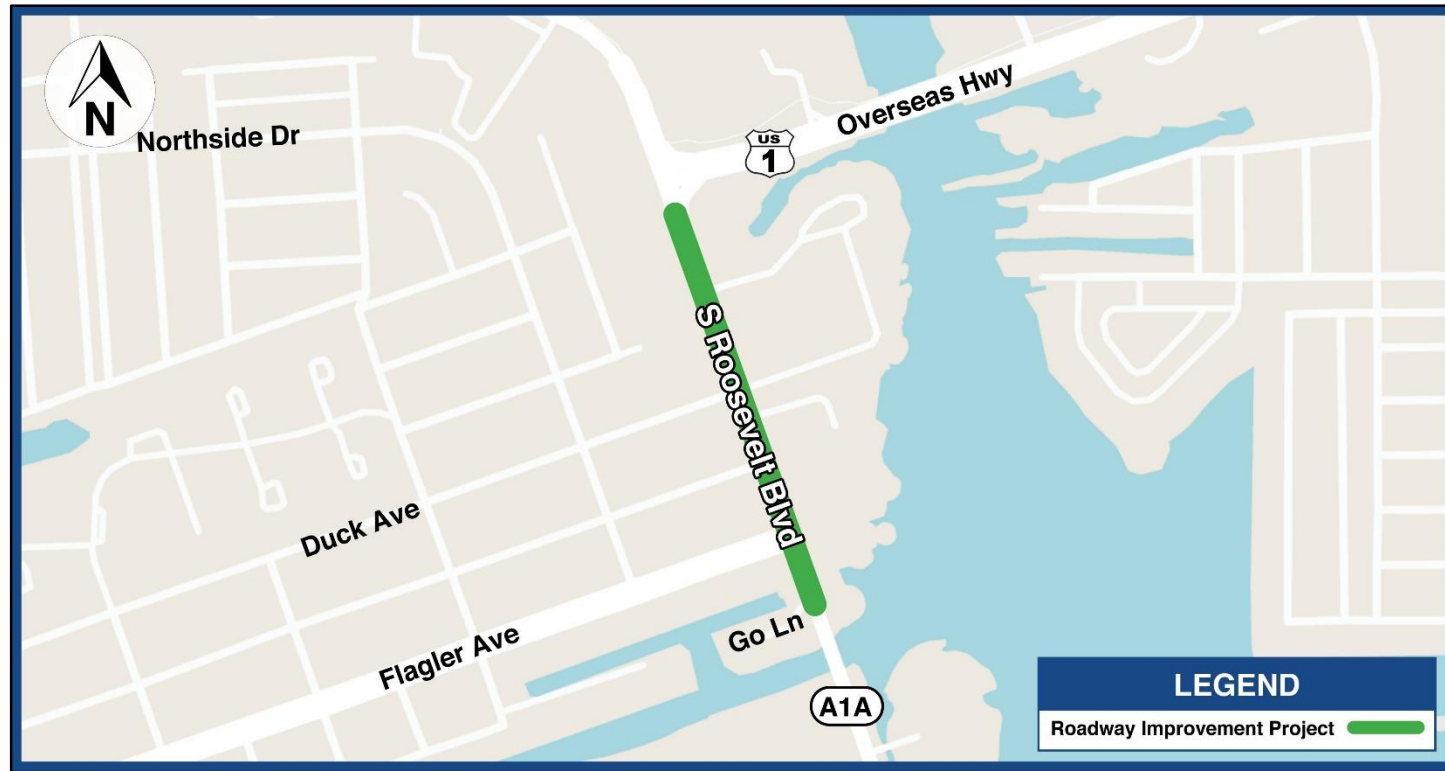
- Pedestrian and vehicular detours will be clearly marked
- Parking will be restricted within the work zones
- Any additional required lane closures will occur on non-event days and during non-peak hours
- Non-peak hours are 9 a.m. to 4 p.m., Monday through Friday



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SR A1A/S Roosevelt Boulevard
from Go Lane to
SR 5/US 1/North Roosevelt Boulevard
FINS 446007-1-5201

Project Location



Estimated Construction Cost: \$946,584



Project Scope

- Repaving and restriping the roadway
- Upgrading signage, pavement markings and curb ramps



Maintenance of Traffic

- No vehicular detours are anticipated
- Any lane closures will occur on non-event days and during non-peak hours
- Non-peak hours are: 9 a.m. to 3:30 p.m. and 9:30 p.m. to 5:30 a.m., Monday through Thursday
- Access to residences and businesses will remain open through construction



Project Location



Estimated Construction Cost: \$1,577,859



Project Scope

- Widening, repaving and restriping the roadway
- Restoring unpaved shoulders
- Repairing front slopes along the north side of the roadway, including mangrove restoration
- Upgrading all signage and pavement markings



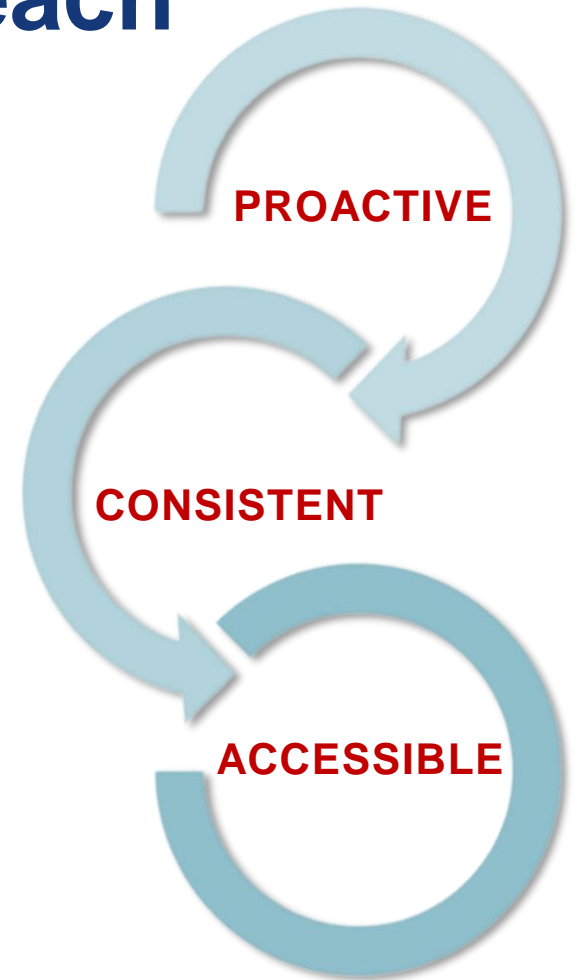
Maintenance of Traffic

- No lane closures or detours on US1
- Lane closures along Frontage Rd will be during non-peak hours on non-event days, nights and weekends
- Non-peak hours are 8 a.m. to 8 p.m., Monday through Friday



Community Outreach

- Public Meeting Jan. 25
- Agency and Partner Collaboration
- Stakeholder Meetings
- Door-to-Door Flyer Distribution
- Local Publications and Radio
- Project Websites
- Email updates
- Attend Local Events
- Social Media





Florida Department of
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Community Outreach Specialist

Julie Brown



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www.fdotmonroe.com

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WORK ZONE SAFETY

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