St. Pete Beach
The Sunset Capital of Florida

Welcome

Don CeSar and Boca Ciega Area Resiliency Adaptation Project

Goals and Objectives

The City of St. Pete Beach and WSP are evaluating stormwater and coastal resiliency improvements in the Don CeSar, Bella Vista and Boca Ciega neighborhoods, which experience frequent flooding due to tidal backflow, low roadway elevations, aging drainage infrastructure, and sea level rise.

The project will identify flooding causes, explore solutions, and establish a clear path for funding, permitting, and implementation.

Identify solutions to improve stormwater system capacity and resilience.

Develop and compare flood mitigation alternatives across all neighborhoods.

Advance preferred improvements for Don CeSar neighborhood to preliminary design.

Assess permitting, funding, and implementation strategies.

Engage the community throughout project planning and decision-making.

Get Involved Today!

Show us where you experience flooding.
Tell us about your experiences.

Scan with your phone!

Interactive Map Activity

Visit the project website to submit comments and subscribe to the city's newsletter.

ResilientStPeteBeach.com

Neighborhood Areas – Existing Elevation Map



Legend

- Belle Vista Neighborhood
- Don CeSar Neighborhood
- Boca Ciega Isle Neighborhood
- Lido Neighborhood

Elevation (ft., NAVID)

16.07

-1.99

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Why Does Neighborhood Flooding Occur?















High Tides
Flooding that results from high tides encroaches along the shoreline or pushes water up a storm drain network

King Tides
The highest tides that occur throughout the year, typically during new and full moons

Storm Surges
Rises in still water levels caused by strong winds blowing water towards the shore

Heavy Rainfall
Heavy rains run off from upland areas to lowland areas

Sea Level Rise
Long-term increase in the average level of the world's oceans

Infrastructure Challenges
Changes to drainage patterns from new construction and improper maintenance

Project Aerial View

Where do you fit in with the study?

We invite you to explore the project area map and show us where you experience flooding issues. Sharing your experiences will help shape solutions for your community.

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Project Schedule and Roadmap to 2027

Data Collection & Site Analysis
Mid to Late 2026

Kick-off Meeting
July 30, 2026

Alternative Engineering Analysis & Funding Options (All Neighborhoods)
Late 2026-Early 2027

Public Workshop #1
November 5, 2026

Refinement & Final Planning
Early 2027

Public Workshop #2
February

Public Workshop #3
March

2026 *Middle* *Late* | **2027** *Early*

Preliminary Design Plans Complete Don CeSar Neighborhood
Late 2026 - Mid 2027

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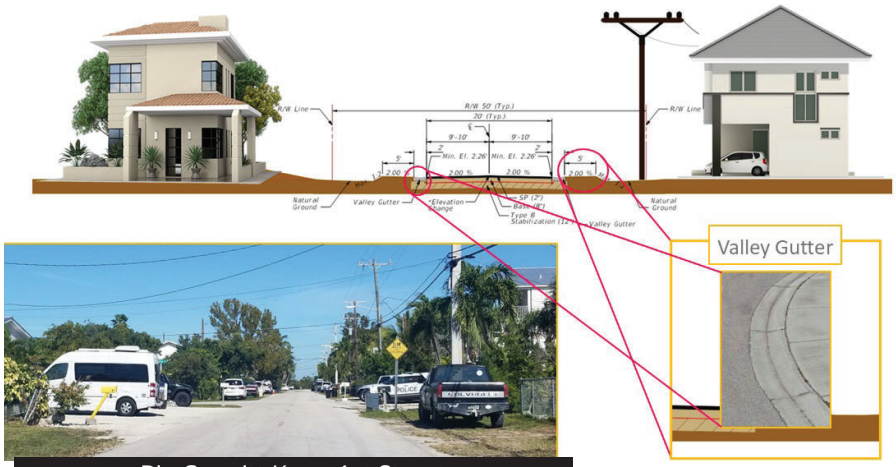
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WSP Experience

Big Coppitt Roadway & Stormwater Adaptation

Monroe County, FL | 2024–ongoing



Big Coppitt Key – 1st Street

Project Description

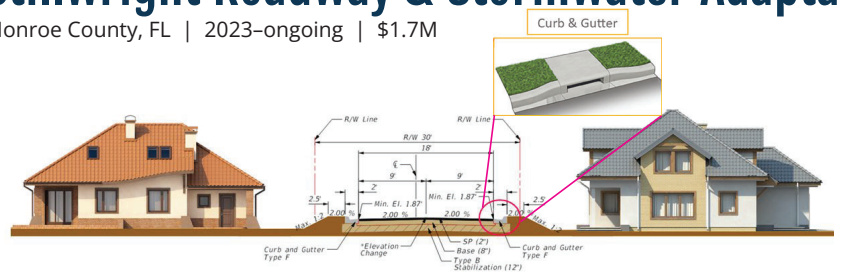
Community-wide roadway and stormwater adaptation for chronic king tide and sea-level-rise flooding in the Big Coppitt Key residential neighborhood.

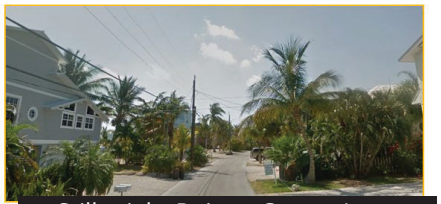
WSP is integrating roadway elevation, drainage design, utility coordination, ROW harmonization and ICPRv4 modeling to verify no adverse off-site impacts.

4.9 mi roadway corridor | **19** residential streets | **$3.6M** project value

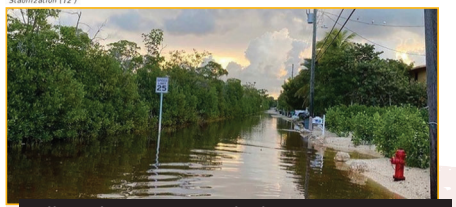
Stillwright Roadway & Stormwater Adaptation

Monroe County, FL | 2023–ongoing | $1.7M





Stillwright Point – Center Lane



Stillwright Point – N Blackwater Lane (2020)

Project Description

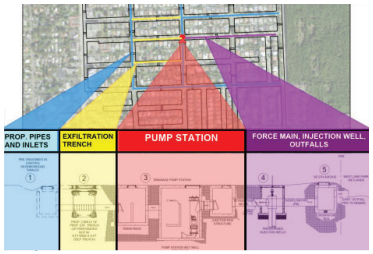
Design and permitting for roadway elevation, resurfacing/ reconstruction and drainage system improvements in a constrained coastal residential community.

The scope includes sea-level impact projection (SLIP) study support, geotechnical exploration, topographic services, partial property surveys, driveway harmonization and environmental permitting coordination.

9,000 LF pavement design for elevation, reconstruction and drainage upgrades

City of Dania Beach Drainage Retrofit

Dania Beach, FL | 2021–ongoing | $37M







Project Description

Neighborhood-scale retrofit for nuisance flooding across a 190-acre residential area serving roughly 500 homes.

Improvements include exfiltration trenches, pipe upsizing, injection wells, two pump stations, utility coordination and phased delivery.

2 basins evaluated

15-30 in. storm pipes upsized

2 new pump stations

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Your Voice Matters

Don CeSar and Boca Ciega Area Resiliency Adaptation Project

We want to keep you informed every step of the way. The City of St. Pete Beach is providing multiple opportunities for residents to ask questions, share feedback, and help shape the future of the community.

Visit the Project Website
ResilientStPeteBeach.com

Fill Out a Comment Form Today!

Email Questions or Comments
info@ResilientStPeteBeach.com

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