

## NARRATIVE

**Project Scope:** The CRA Coastal Resiliency Phase IV project seeks to implement resiliency and hardening improvements for east-west City streets on the barrier island between the Intracoastal Waterway and the Ocean. Proposed resiliency improvements under this project will consist of raising the road profile and reconstructing the streets, improving street drainage, converting the overhead utilities to underground. The project limits consist of 18 parallel City streets from SR A1A to the east side of the Boardwalk starting at Harrison Street to Magnolia Terrace. Breakdown of tasks are as follows: • Reconstruction of 18 east-west City streets in Hollywood Beach to mitigate the effects of sea level rise and seasonal high tides. • Raising street profiles to reduce flooding risk without negatively impacting adjacent properties. (HUD grant funded) • Installation of new drainage systems and inlet structures to improve stormwater management. (HUD grant funded) • Addition of new valley gutters and sidewalks on both sides of the roads within the 40-foot ROW. (HUD grant funded) • Surface Upgrades – Replacing asphalt road surfaces with pavers for curving runoff, heat island; improving aesthetics. (HUD grant funded) • Harmonization efforts to adjust private properties affected by road elevation changes, ensuring proper transitions for driveways, stairs, etc. (HUD grant funded) • Ensuring continuous emergency access and public transportation routes, as these roads connect to SR A1A, a designated hurricane evacuation route.

**Project Description Flood Management Improvements.** The streets connect to SR A1A, which is the major North/South transportation spine on the barrier island and serves as a hurricane evacuation route. This makes surface water ponding a risk to motorists during emergency evacuations. These side streets have sections that are lower in elevation than SR A1A and therefore, represent the deepest flooding in the area. The presence of such flooding is prevalent along these side streets. It negatively impacts health, safety and welfare of residents and motorists, personal property loss. Emergency access to residents and public transportation are compromised. The flooding levels are increasing year over year and the situation is expected to continue to worsen with sea level rise. Flood improvement will consist of modifying the typical street Right of Way (ROW) width is 40 feet and will be totally reconstructed with new valley gutters and sidewalks on both sides. New drainage system and inlet structures will be provided corresponding to the new grades. The street profiles will be raised without negatively impacting adjacent properties outside of the Right of Way. Raising the street profile requires grading modifications beyond the City's ROW, and onto private properties. The term we are using is "harmonization", meaning improvements to the private properties affected by the road elevation changes. Every street will be hardscape with pavers, removing the existing asphalt and concrete elements to promote percolation, reduce runoff and reduce the heat island effect. ADA accessibility.

**Project Address :** City Right of way 33019

**CPF Funding Description:** All grant funds will be used for construction activities (\$500K)

**APPROVED BUDGET**

**SF424 – ESTIMATED FUNDING**

<b>Funding Name</b>	<b>Amount</b>
Federal Estimated Funding	\$500,000.00
Applicant Estimated Funding	\$ .00
State Estimated Funding	\$12,200,491.00
Local Estimated Funding	\$12,200,491.00
Other Estimated Funding	\$ .00
Program Income Estimated Funding	\$ .00
Total	\$24,900,982.00

**CPF – ESTIMATED FUNDING**

<b>Funding Source</b>	<b>Estimated Funding</b>
Construction	\$500,000.00
Total	\$500,000.00