

STORMWATER/STREETScape IMPROVEMENTS

STATE PROGRAM: Florida Department of Environmental Protection

ASSISTANCE RECIPIENT: City of Cocoa Beach

ASSISTANCE AMOUNT: \$1.8M

PROJECT DESCRIPTION

The City of Cocoa Beach constructed an urban stormwater project that will reduce nutrients from entering the Banana River Lagoon, which is part of the Indian River Lagoon system, a designated Estuary of National Significance. This project treats stormwater from an 8.34-acre watershed by using Low-Impact Design (LID) best management practices which include native landscape bioswales/tree filters, underground exfiltration, and pervious pavement. Sorption media was also used to further reduce nitrogen and phosphorous from seeping into the groundwater. The total construction costs for this project were \$5.2 million of which the CWSRF financed \$1.8 million that was used to match a 319 Nonpoint Source grant. This large green infrastructure project reduced nutrient loading for the Indian River Lagoon and has also added an aesthetic value along City streets which is said to have attracted new businesses to the area.

To read more about this case study, please visit https://www.epa.gov/sites/default/files/2018-11/documents/pisces_2018_compendium_0.pdf.

