

ISLAMORADA, VILLAGE OF ISLANDS DESIGN-BUILD-OPERATE WASTEWATER SYSTEM ISLAMORADA, FLORIDA



Project Description

The purpose of the Project was to ensure that all wastewater is collected and treated to State of Florida mandated levels prior to disposal and provide safe and reliable wastewater collection and treatment for the community. Additional project considerations included minimizing potential environmental impacts on the Village and surrounding areas, with regard to habitat conservation, marine protection, endangered species, air and water quality, greenhouse gas emissions, wetlands and estuary preservation or enhancement. The Design-Build-Operate (DBO) scope included: modifications to the existing NPK WWTP and the Key Largo WWTP; 1 master pump station and 4 vacuum pump stations; 7 ocean channel creek crossings using HDD from 8"-18"; hybrid vacuum/low pressure grinder collection system consisting of approximately 400,000 LF of 3" to 10" PVC and HDPE Pipe; transmission System consisting of approximately 100,000 LF of 8" to 18" PVC and HDPE; service to approximately 5,000 customers; installation of 434 residential grinder pumps; and complete customer service and operations for 20 years.

At a Glance

Contract Amount:
\$97.8 M

Notice to Proceed:
September 28, 2012

Completion Date:
May 29, 2016

Owner:
Islamorada, Village of Islands

Engineer:
ARCADIS