



THE CITY OF KEY WEST

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EXECUTIVE SUMMARY

TO: Key West Bight Board

FROM: Doug Bradshaw, Port and Marine Services Director

DATE: July 24, 2014

SUBJECT: D.N. Higgins Task Order for Construction of William Street Traffic Circle and Storm Water Outfall

ACTION STATEMENT:

City Staff requests approval of the task order dated July 11, 2014 from D.N. Higgins to install a new storm water outfall with associated pipes and drain structures from Caroline Street draining into the Historic Seaport, along with the William Street Traffic Circle and associated curbing and sidewalks with a repave of William Street from Caroline Street to Lazy Way Lane in the amount of \$584,046.66.

BACKGROUND:

A portion of the 2010 Common Area Enhancement plan concept that was presented to the Bight Board and CRA considered a traffic circle at the end of William Street. Without objection, this concept was incorporated into the Waterfront Brewery design. A pull off for the Marker Hotel also makes use of the turning radius.

The Caroline Street redevelopment plan increases the size of the storm pipes and outfalls exiting Grinnell Street, Margaret Street, and William Street. These pipes are connected into the Caroline Street drainage system but also have inlets within the Historic Seaport streets and parking lots.

PURPOSE & JUSTIFICATION:

The purpose of the project is to construct the storm drainage from Caroline Street, down William Street, then complete the roundabout that incorporates the Brewery entrance.

The storm water pipe that runs down William Street is nearly 12 feet deep. The trench for the pipe and associated ground work will need to be much wider than typical and dewatered due to the water level and proximity to the bulkhead. The storm water pipe will be increased from 16 inch to 30 inch to accommodate the increased volume coming from Caroline Street as the system will all combine. The drains on William Street near the Brewery parking will get removed and replaced and one drain that feeds the Caroline Street parking lot well will be abandoned due to its low elevation and long run. The curb around the roundabout will have the new drainage incorporated for storm water from the

Key to the Caribbean – Average yearly temperature 77° F.

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adjacent area. The 30 inch pipe enters a triple chamber baffle box before exiting the tide valve which will be located under the Ipe decking in the William Street plaza.

After the storm water project is complete the traffic circle will be constructed along with the curb and sidewalk that makes a half circle on the Waterfront Brewery side. Due to the large cut from the storm water, trenching from hotel water lines, and need to elevate the east side of the roundabout significantly, the entire street will be paved from Caroline to Lazy Way Lane and William Street plaza.

FINANCIAL IMPACT:

The William Street Traffic Circle is budgeted at \$210,000 in account 405-7504-575-6300 fy13/14. The remaining balance of \$374,046.66 will need to be transferred from 405 reserves which currently has a balance of over \$3,000,000.

RECOMMENDATION:

City Staff requests approval of the task order from D.N. Higgins and necessary budget transfers to install a new storm water outfall with associated pipes and drain structures and associated curbing and sidewalks with a repave of William Street in the amount of \$584,046.66

ATTACHMENTS:

Task Order

General Services Contract