



THE CITY OF KEY WEST
Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3700

EMERGENCY DECLARATION

To: Jim Scholl, City Manager

From: John Paul Castro, Utilities Director

Effective Date: December 28, 2015

Action Statement: Request the City Manager Jim Scholl approve the emergency change order to Charley Toppino and Sons, Inc. for the installation of a 20 inch plug valve on White Street in the amount \$6,840, for a project total of \$26,634.

Ordinance:

Pursuant Sec. 2-845 (2) of the City of Key West Code of Ordinances, in a construction contract where life, property or city funds are at risk, the city manager may approve a change order in excess of five cumulative percent of the contract price.

Justification:

A task order from Charley Toppino and Sons, Inc. (CTS) was executed on December 14th pursuant to general utilities contract resolution 15-292 to install a 20 inch plug valve on the sanitary sewer line on the 400 block of White St. This valve is to isolate the sanitary line for repairs or other installations. This allows the system to drain quicker at the impacted area and also effects less of the lift stations. The end result is much less risk to public safety.

CTS dug out the line on Wednesday, December 16th and was supposed to install the valve and be finished on Thursday December 17th. To cut the line there needed to be coordination first with OMI to shut down all up stream lift stations, including the Navy, which must all first be pumped out to empty as much as possible. After this was done and the lift stations were shut down CTS was given the go ahead to cut the line. After the line is cut it takes time to drain the actual pipe and bypass pump it.

Approximately 30 minutes after CTS cut the 20 inch line there was an immediate spike in flow. The telemetry was checked both on mobile devices and with the treatment plant and all pumps were down. We are still unsure as to how the flow increased. Without pumps running it could have been an air lock that released or a check valve that failed. In any case the pipe had to be clamped and CTS had to return the following day.

On the following day all stations were pumped down but as an extra precaution the all outgoing valves were also closed down on the lift stations. This has not been necessary in

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

MEMORANDUM

the past but do to the prior day's event we shut them to prevent a faulty check valve from allowing waste water down the line. The install was successful and finished on by the days end.

In total, the uncontrolled flow created an extra 10 hours of labor which included machinery. The extra time is in accordance with the contract rates and was approved by the onsite construction inspector.

Recommendation:

Staff recommends Jim Scholl, City Manager, approve the emergency change order to Charley Toppino and Sons Inc., for uncontrolled circumstances installing a 20 inch plug valve on White St. in the amount of \$6,840, for a project total of \$26,634.

Jim Scholl

28 DEC 2015

City Manager Signature

Date