
Report on
11400 South Flow Control
Improvements

November 14, 2007

11400 South Flow Control Improvements

Engineer: Boyle Engineering/Stanley Consultants

Contractor: Industrial Piping and Welding, Inc.

Contract Award Date: May 11, 2005

Original Contract Amount: \$166,715.00

Final Contract Amount: \$173,857.42

Cumulative Change from Original Contract Amount: 4%

11400 South Flow Control Improvements Summary of Change Orders

Change Order No 1: \$884.00

Extend sump pump discharge pipeline 150 ft.

Change Order No 2: \$1,476.86

Upgrade electrical wiring from the meter box to the MCC panels and provide wiring from the motor starter panel to the RTU.

Change Order No 3: \$1,771.00

Supply and install new wiring from Pump 2 to the RTU

Change Order No 4: \$3,010.62

Modify soft start controls, provide vent fan timer in vault, and provide position indicator on PRV.

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Project Summary: The 11400 South Pipeline is a bi-directional flow system that conveys water westward from the SERWTP to the Jordan Aqueduct, and eastward from the Jordan Aqueduct to the SERWTP. This project made improvements to this system to enable District staff to better operate this system including:

- Automating valves in this system to allow for remote operation.



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- Adding facilities to increase the flow into the Jordan Aqueduct at the 3200 West 11400 South Pump Station.



- Replacing and updating worn-out electrical equipment at the 250 East 11400 South Pump Station.