
Report on
11800 South Zone C Pump Station

February 2010

11800 South Zone C Pump Station Project Summary

This project included the design and construction of a 85 cfs booster pump station in the District's south west service area on 11800 South. This booster pump station receives water from the Jordan Aqueduct and lifts it up to the Zone C Reservoirs at Rosecrest and Old Bingham Highway.

11800 South Zone C Pump Station

Engineer: Stanley Consultants
Contractor: Absolute Constructors

Contract Award Date: August 9, 2007

Original Contract Amount: \$5,065,000

Final Contract Amount: \$5,203,300

Cumulative Change from Original Contract Amount: 2.7%

11800 South Zone C Pump Station Summary of Change Orders

Change Order No 1: \$2,495

Miscellaneous electrical items.

Change Order No 2: \$4,377

Increase size of basement access hatch.

Change Order No 3: \$7,931

Additional cathodic protection items.

Change Order No 4: \$47,156

Move automatic transfer switch (ATS) outside of building and install an above ground fuel tank for generator .

11800 South Zone C Pump Station Summary of Change Orders

Change Order No 5: \$8,590

Modify electrical switch gear, modify pig vault hatches, install covers on future pump cans, modify generator enclosure to resemble pump building.

Change Order No 6: \$14,596

Modify discharge piping, modify pig vault manway access, South Jordan City permit fees to connect to 11800 South pipeline.

Change Order No 7: \$5,002

Additional security improvements, install wrought iron fence along 11800 South, modify pump roof access hatches, eliminate a section of asphalt and replace with landscape, replace HVAC copper piping with pvc piping, additional wiring and pull boxes, modify roof drainage, credit for modified pump decibel rating.

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Change Order No 8: \$6,881

Relocate security camera, add restroom heater, modify pump and MCC locations, increase size of mow strip, provide pig vault low pressure washdown, additional electrical wire and conduit.

Change Order No 9: \$5,728

Install aluminum ramp and heat trace to protect generator fuel line, additional mow strip, install ATS maintenance pad.

Change Order No 10 : (\$5,118)

Install position indicator on blowoff PRV, install additional illuminator, install lock boxes on gates, provide steel plate over future transformer hole, provide safety chain on interior access hatch, install floor drains, provide building numbers, credit for primary metering cabinet, credit for unused project testing.

11800 South Zone C Pump Station Summary of Change Orders

Change Order No 11: \$39,066

Install catwalk for pump motor maintenance.

Change Order No 12: \$1,596

Install 3" pump access on blowoff gooseneck.

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