
Report on
Wholesale Metering Station
Upgrades II Project

April 2011

Meter Station Locations

1. 4800 West 5400 South
2. 3600 West 9000 South
3. 5400 West 4700 South
4. 7200 West 4100 South
5. 700 East 11400 South
6. 1700 West 6400 South
7. 4950 West 12600 South
8. 4150 West 2200 South

Meter Station Upgrades

Engineer: JMWCD Staff

Contractor: Nelson Brothers Construction Co.

Contract Award Date: 06/11/2009

Original Contract Amount: \$269,989

Final Contract Amount: \$306,873

Cumulative Change from Original Contract Amount: 13.7%

Typical Vault Upgrade Scope

- Replaced aging electrical components
- Installed lighting
- Installed electrical receptacles
- Sandblasted and painted pipes
- Installed ventilation fans and sump pumps
- Installed high water level alarms
- Replaced corroded steel RTU cabinets
- Improved operator accessibility and safety

Project Change Orders

- Change Order #1: \$6,858 – Pressure grouting
- Change Order #2: \$16,282 – Extension of electrical conductors
- Change Order #3: \$1,238 – Project coordination with UDOT road construction on 700 East
- Change Order #4: \$2,593 – Extension of grade rings
- Change Order #5: \$7,307 – Replacement of corroded bolts and new meter installation
- Change Order #6: \$2,040 – Electrical upgrades at vault on 700 East

Meter Station Upgrades

Typical Ladder
Replacement



Before



After

Meter Station Upgrades



Typical
Sand Blasting
& Painting



Meter Station Upgrades



Before

4100 S. 7200 W.
Above Ground
Improvements



After

Meter Station Upgrades



4700S. 5400 W.
Above Ground
Improvements



Meter Station Upgrades



4150. 2200 W.
Above Ground
Improvements

