

Rosemont Reservoir Safety Improvements

The City owns and maintains the 0.4 million gallon (mg) Rosemont Reservoir, which is located west of the intersection of Suncrest Drive and Derby Street. This elevated welded steel spheroid tank was constructed in 1991. The City desires to make needed safety, security and maintenances improvements at the reservoir site.

Several local agencies and telecom service providers have antennas installed on the reservoir roof and associated electrical equipment inside the pedestal base. Recently, several other telecom providers have requested permission to add antennas to the reservoir. As part of the work, the City would also like to address other potential site upgrades needed to accommodate additional telecom services providers.

The following reservoir site improvements will be completed as part of the project:

- Replace reservoir fall prevention system on interior and exterior ladders, including removal of existing notch rail system and installation of new cable system.
- Replace reservoir roof access hatch with new hinged hatch.
- Install safety railing on reservoir roof.
- Install reservoir access security monitoring system with SCADA system integration.
- Install intrusion alarms on the reservoir door and roof hatches with SCADA system integration.
- Install new aviation lights on reservoir roof with SCADA system integration.
- Install reservoir pedestal ventilation improvements including manual louvers.
- Complete reservoir maintenance painting, included full interior wet-surface coating replacement, interior dry-surface touch-up coating, and full exterior over-coating.
- Complete cathodic protection system improvements including removing and replacing reference electrodes and rectifier, removing and re-installing existing anodes.
- Install new shaft to reservoir roof for antenna cables and welded cable mounts.

It is anticipated that work can be complete within the following schedule:

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| • Advertise (4 weeks): | 7/23/14 or 7/25/14 |
| • Bid Opening: | 8/20/14 |
| • Bid Award for Council Packet | 8/28/14 |
| • Contract Award at Council Meeting: | 9/8/14 |
| • Start Construction: | 10/15/14 |
| • Substantial Completion of Construction: | 12/30/14 |
| • Exterior Painting & Final Completion
(exterior painting weather dependent) | Spring 2015 |

AT&T will be constructing their base station building starting in August 2014 and expect to be done by October 2014.