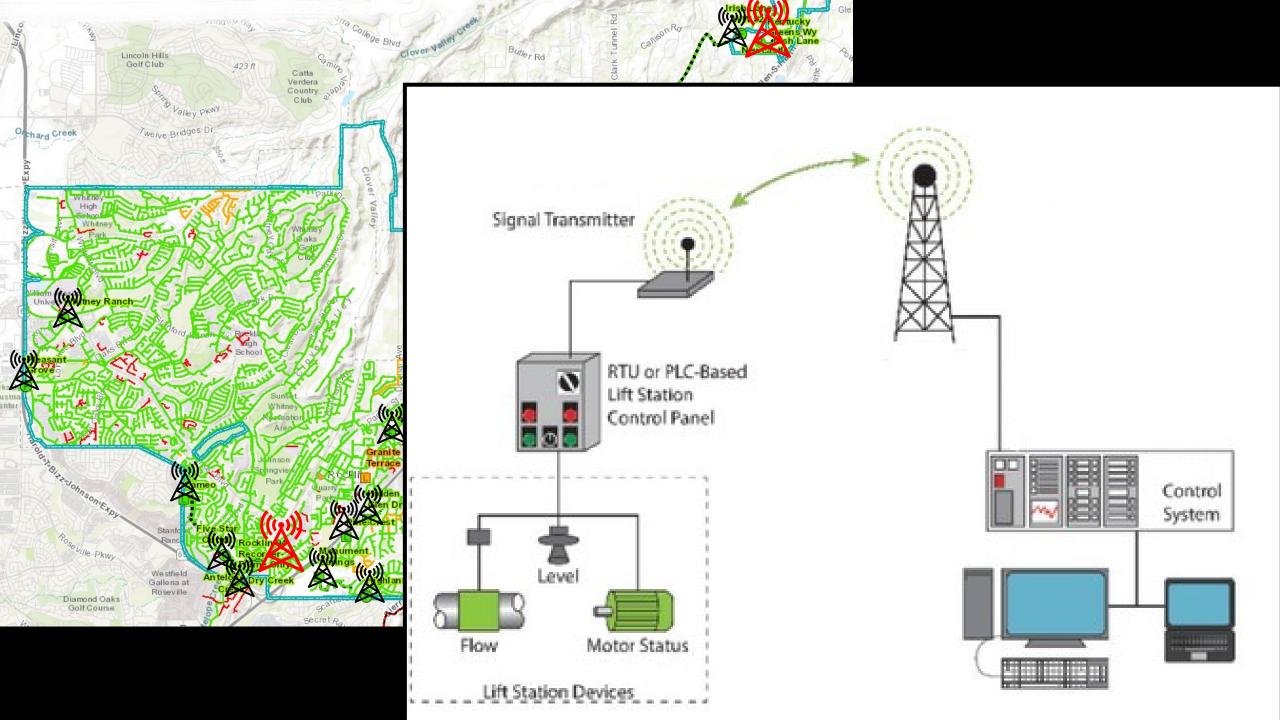
# SCADA Master Plan

June 2, 2022





## History



2009

Collection System Master Plan

**Original SCADA** Installation



**2010-2015** 

### Reasons for Master Plan

- Current system
  - Proprietary architecture
    - RTU hardware and radio frequency
  - Concerns over long-term cybersecurity
  - Limited functionality
  - Limited support channel
- Future development
  - SPMUD/Developers only have one option for new sites

### Timeline



Collection System Master Plan



Feb. 2019



Jun. 2022

SCADA Master Plan and Presentation

#### **RFP**

- Seven responses.
- TESCO selected.

Original SCADA Installation



Board approves contract for Master Plan

**June 2019** 

Installation of New SCADA System

**2022-2025** 

### Costs

Phase 1	(Estimated Duration 18 months)
Project Management, Engineering Design	\$429,000
Central PCS/SCADA (hardware, software, services)	\$705,000
Network + Radio Telemetry	\$230,000
Phase 1 Sites (Corp Yard, Repeater, Flow Recorder)	\$871,000
Field Deployment, Spare Parts, Electrical	\$275,000
Shipping, Bonds, Insurance, Tax, Contingency	\$370,000
SUBTOTAL	~ \$ 2.9 M

### Costs

Phase 2	(Estimated Duration 18 months)
Project Management, Engineering Support	\$80,000
Phase 2 Sites (Lift Stations)	\$2,673,000
Field Deployment, Spare Parts, Electrical	\$300,000
Shipping, Bonds, Insurance, Tax, Contingency	\$502,000
SUBTOTAL	~ \$ 3.6 M

## Questions & Discussion