



Zone 27 Improvements Project Public Meeting

February 2, 2012



Project Team Members Present

City of Prescott Staff

Jeff Low, Project Manager

Tim Burkeen, Capital Programs Manager

Craig Dotseth, Utilities Operations Manager

Scott Tkach, PE, City Engineer

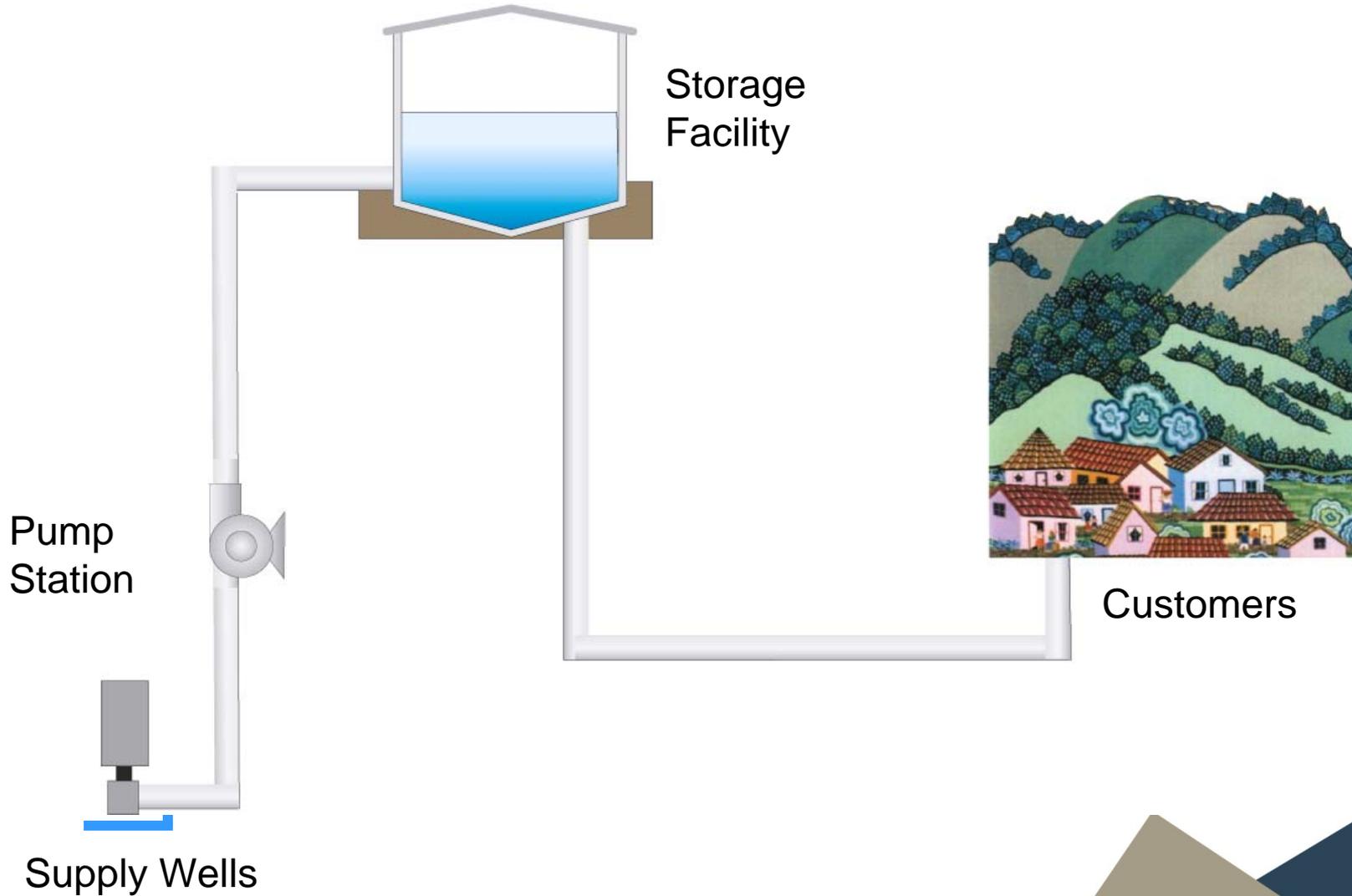
Mark Nietupski, Public Works Director

Atkins Staff

Jeremy Clemmons, PE, Project Manager

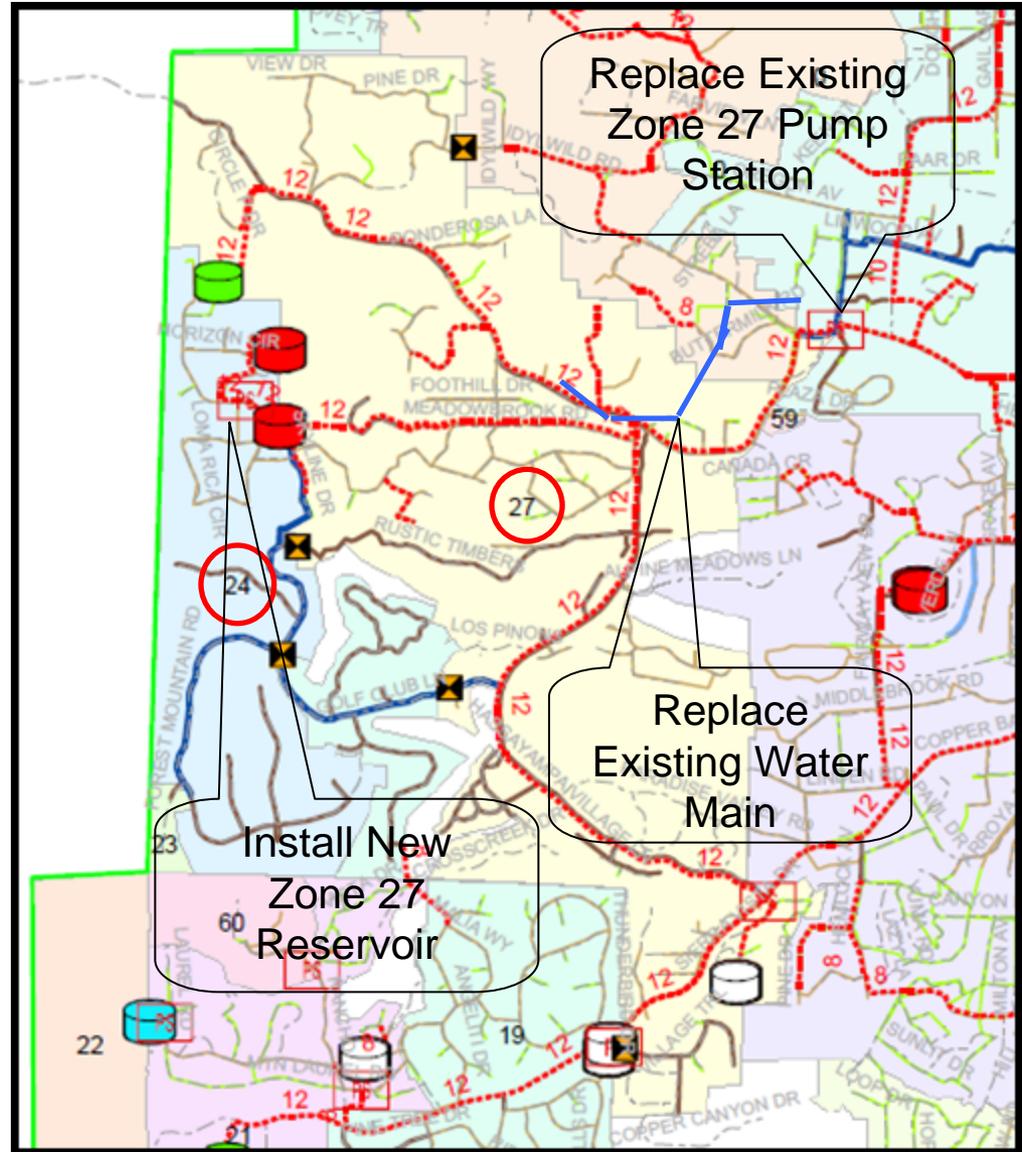
Amanda Marcucci, Project Engineer

City Water System



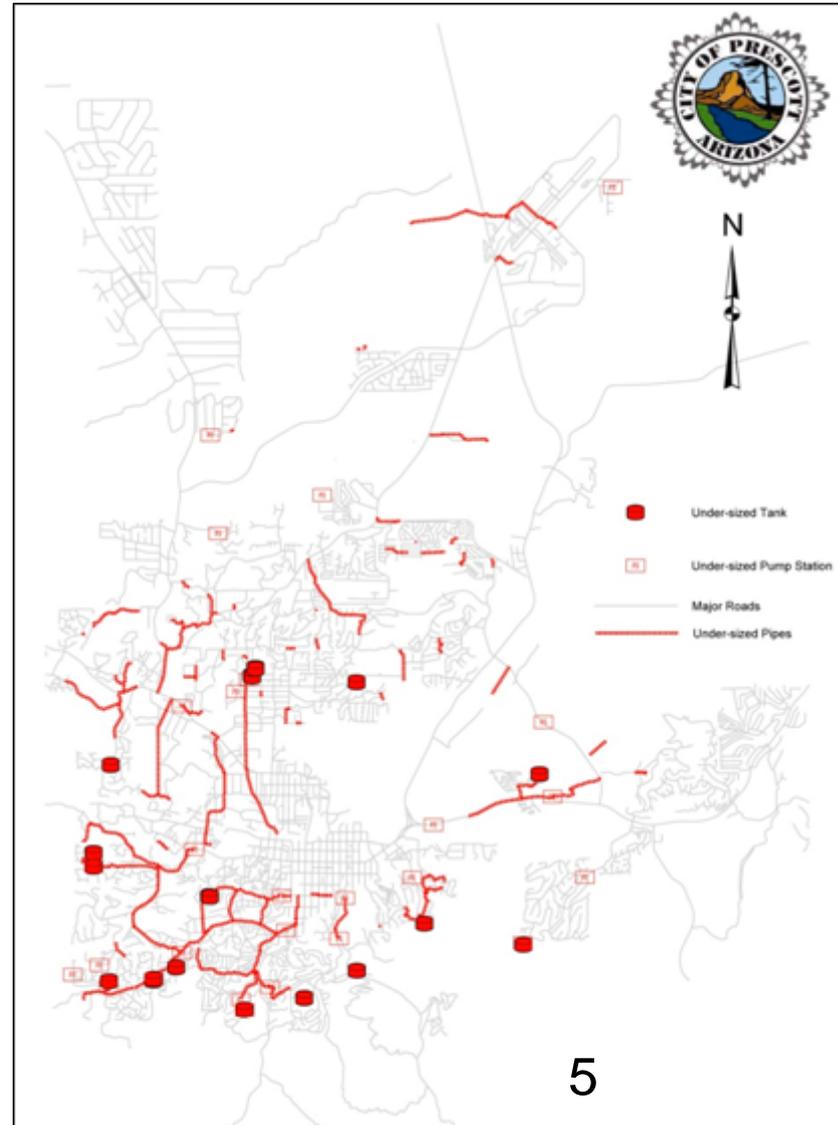
Zone 27 Project Improvements

2005 Carollo Engineering
Water Distribution Model
Report

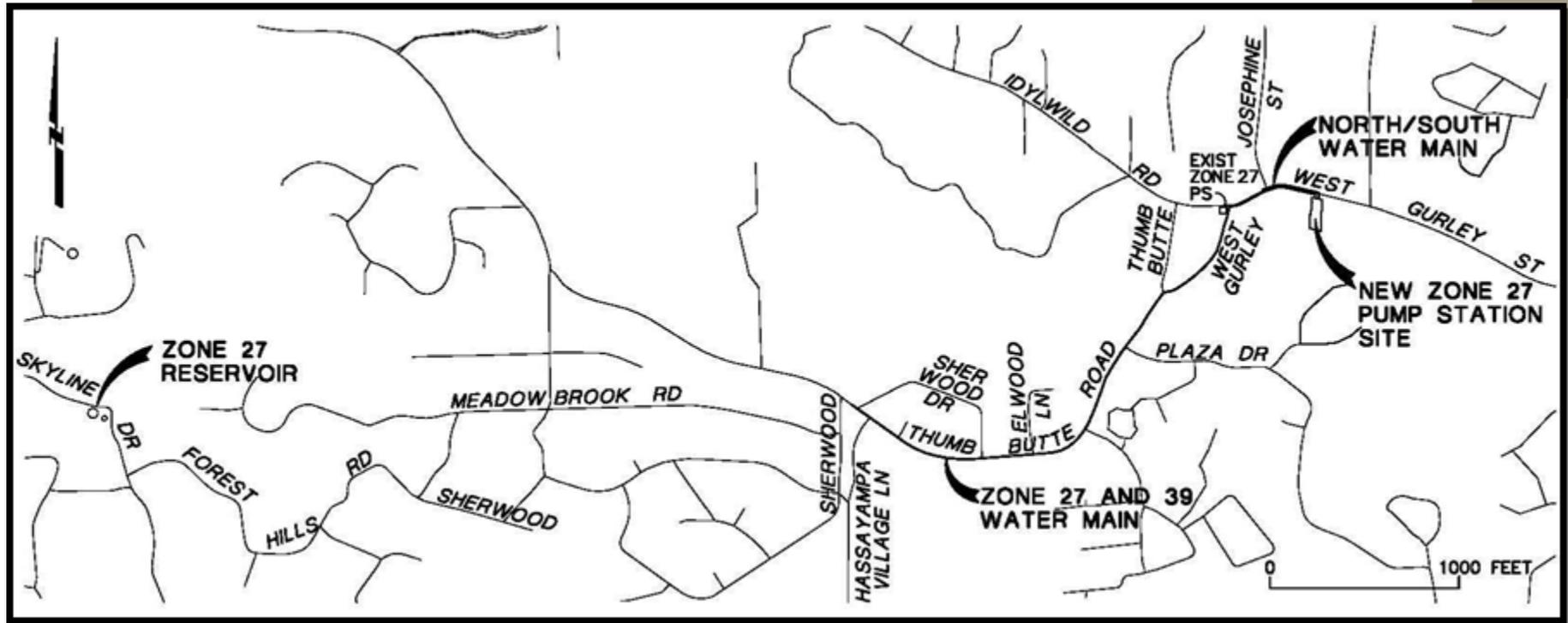


Necessary Improvements to Existing System

- Performance Criteria
 - Water Supply to Meet Demands
 - Pumping Capacities
 - Water Storage
 - Fire Flow
 - Pipe Sizes



Zone 27 Project Improvements



Existing Water Infrastructure

- Existing Water Main, Pump Station and Storage Facilities were Built in the 60's and 70's



Zone 27 Improvements Project Overview

The project consists of several components:

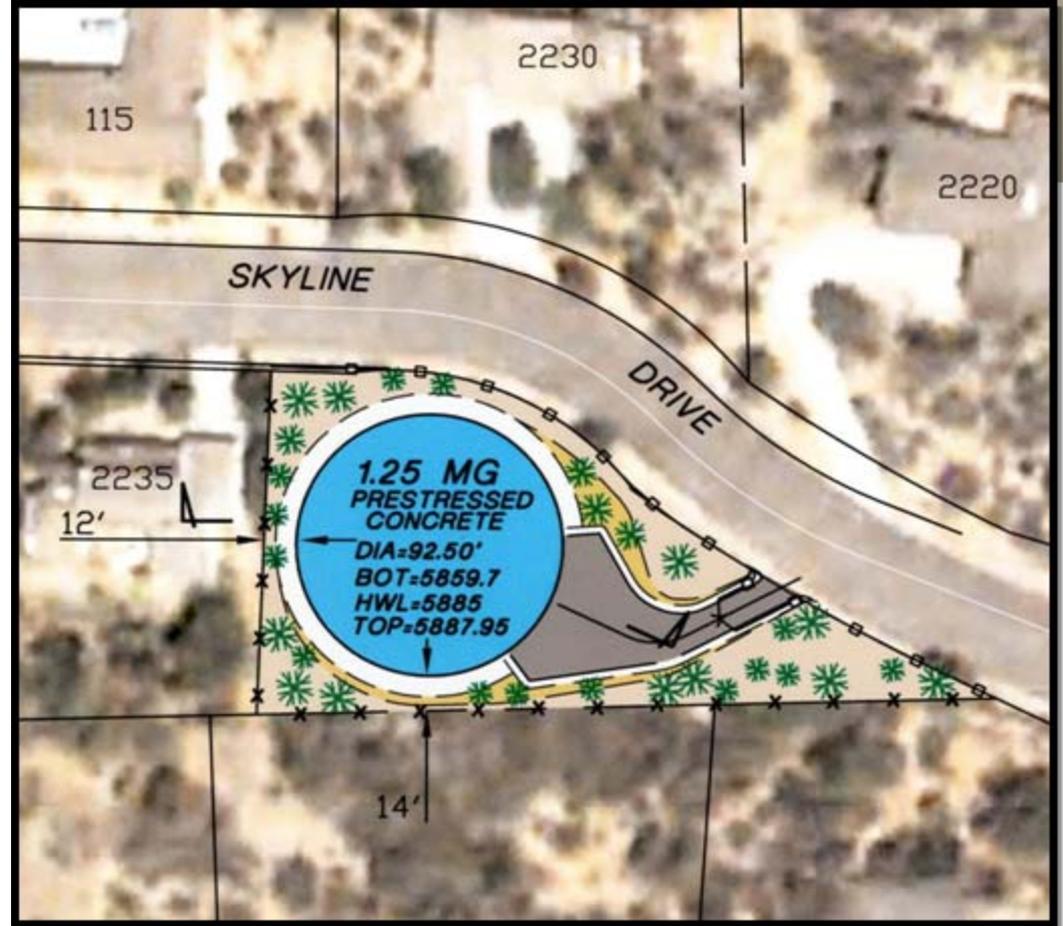
- New Zone 27 Reservoir
- New Zone 27 Pump Station
- New Zone 27 Waterline
- New Zone 39 Waterlines

These components will be discussed in detail in this presentation.



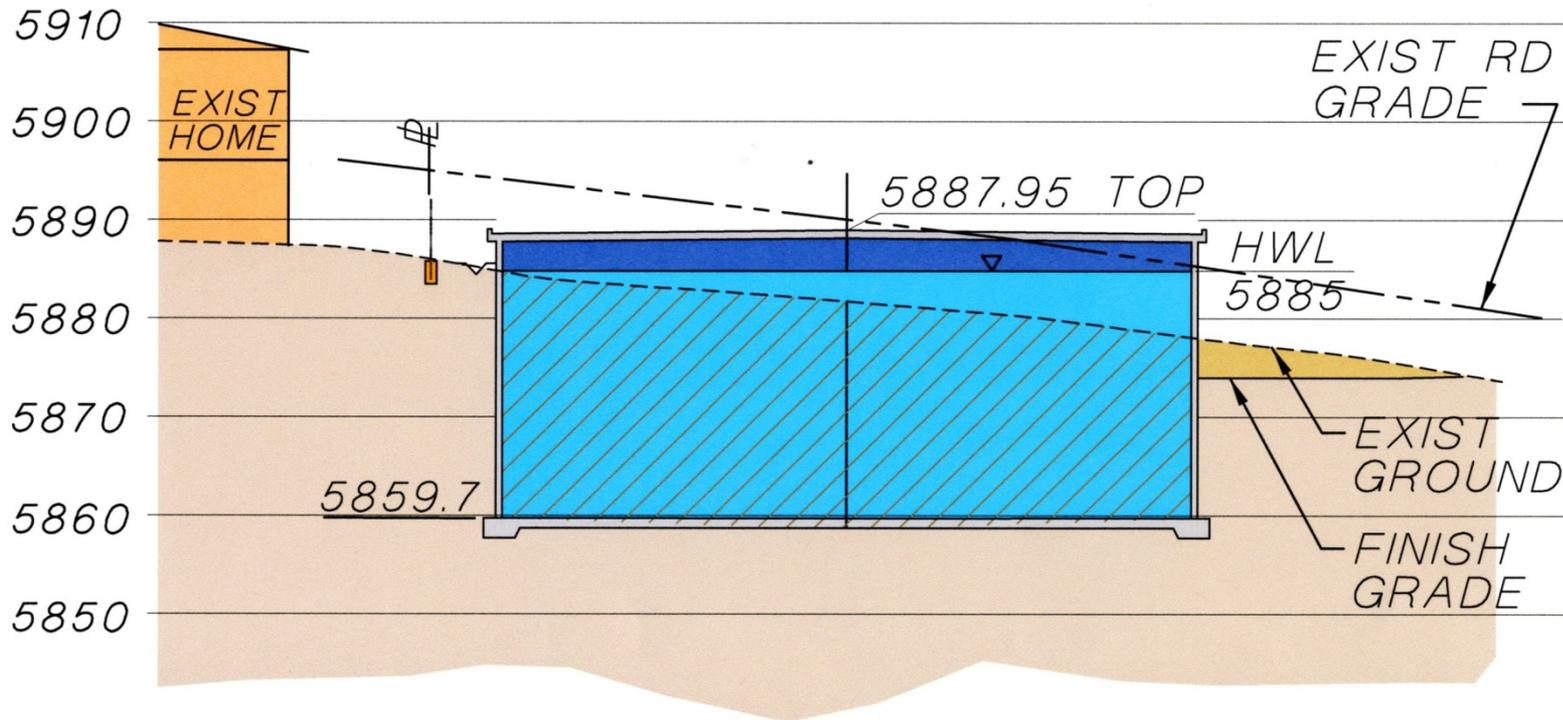
Zone 27 Reservoir

- Property is on Skyline Drive
- 1.25 MG Concrete Tank, partially buried for aesthetics. All exposed concrete to be earth tone stained.
- Security fencing only, no permanent walls
- Tank property will be landscaped following completion
- Existing tank will be removed after the completion of the new tank
- Existing tank property will be landscaped, and will become public open space



Zone 27 Reservoir - Section

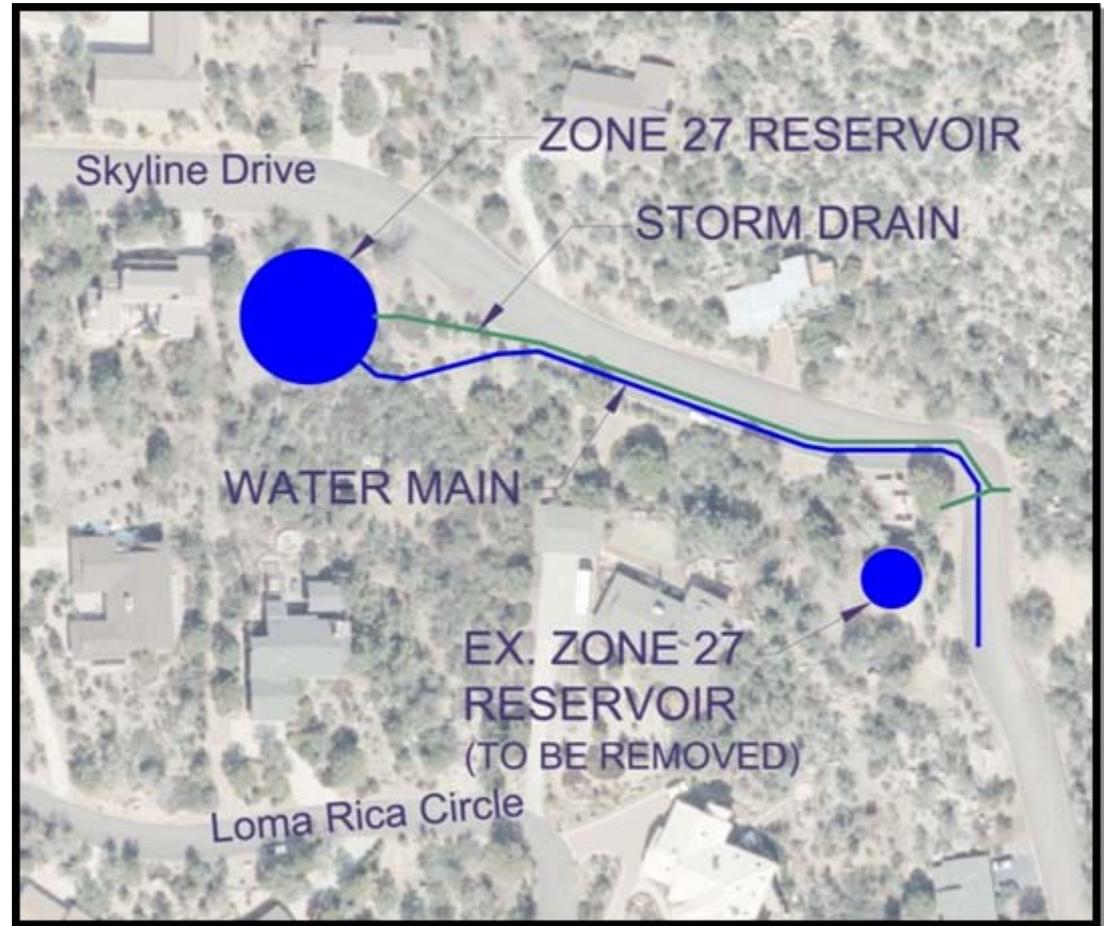
- Benefits of Concrete: Tank can be cut back into the hill and partially buried to reduce visibility



PRESTRESSED CONCRETE RESERVOIR
SECTION

Zone 27 Reservoir

- Waterline improvements on Skyline Drive necessary to connect new tank to water system
- Storm drain improvements will allow site water to be conveyed to existing drainage ditch
- Access will be maintained throughout duration of project



Zone 27 Pump Station – Design Requirements

- Increase Pumping Capacity from 335 gpm to 1,350 gpm for improved fire protection flow and water service
- Locate above ground for better maintenance and safety
- Construct along West Gurley Street near the existing pump station and near the intersections of Josephine street

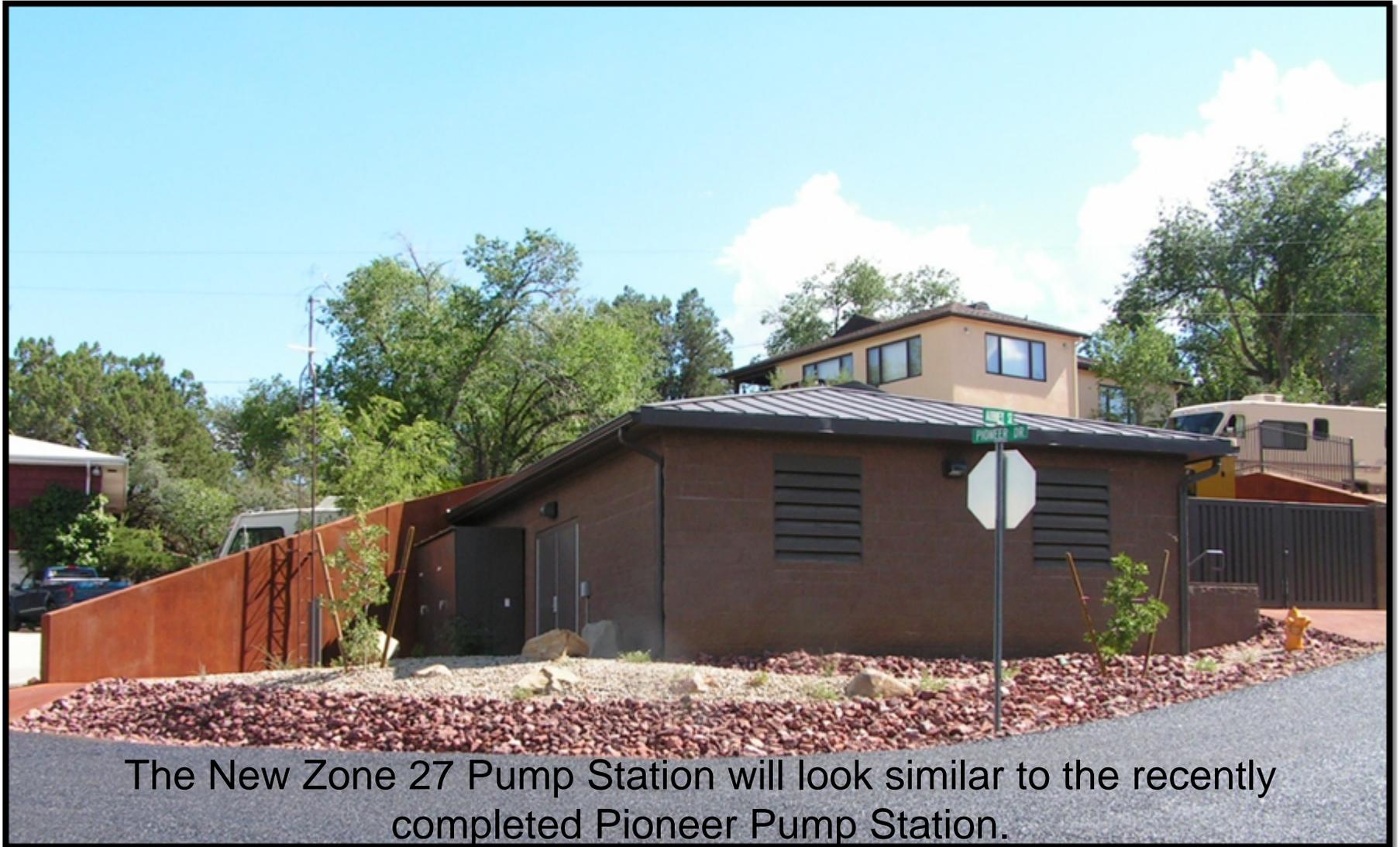


Zone 27 Pump Station

- Splitface CMU block construction, with a brown metal roof.
- Aesthetics will compliment surrounding area.
- Existing power poles in front of pump station site will be removed to improve site aesthetics
- Existing pavement in vicinity of pump station will be replaced.
- Access to neighboring businesses will be maintained at all times.
- Following completion of new Zone 27 Pump Station, the existing underground pump station at the corner of Idylwild Drive and Gurley Street will be removed.



Zone 27 Pump Station - Aesthetics



The New Zone 27 Pump Station will look similar to the recently completed Pioneer Pump Station.

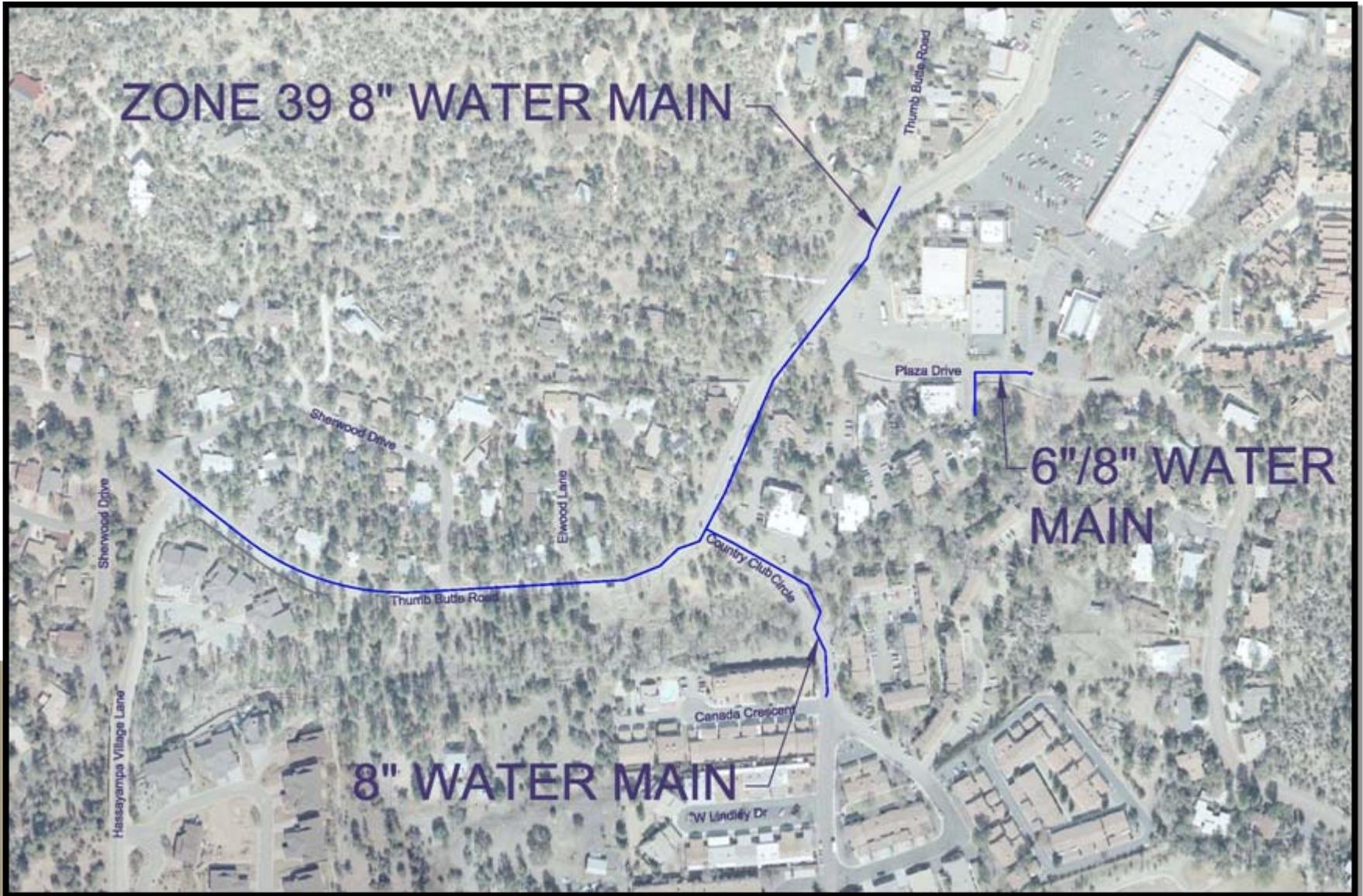
Zone 27 Water Main



Zone 27 Water Main

- 12-inch water main will provide additional capacity to the zone, and will allow water to be more efficiently pumped from the pump station to the reservoir
- One lane of traffic will be maintained via traffic control in project area during construction
- Pavement within trench areas will be replaced in kind.

Zone 39 Water Main

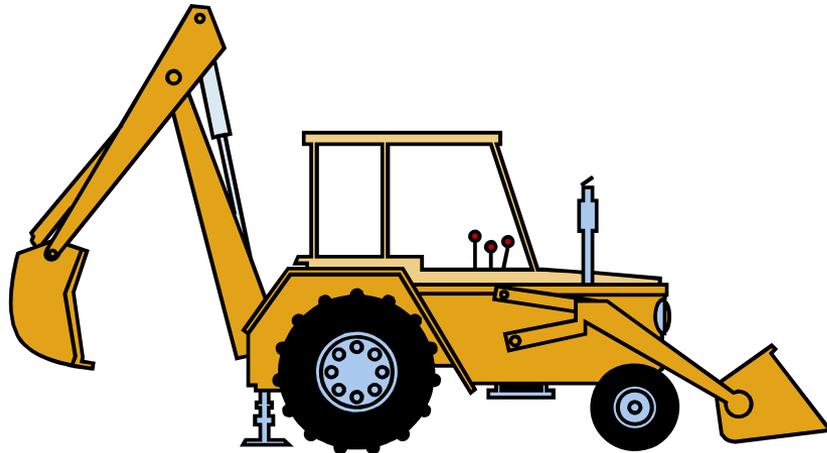


Zone 39 Water Main

- Improvements in Zone 39 will improve operational efficiency of water system
- One lane of traffic will be maintained in project area during construction
- Pavement within trench areas will be replaced in kind.

Zone 27 Improvements Proposed Project Schedule

- Design Completion : March 2012
- Bid: May 2012
- Construction Begins: June 2012
- Construction Complete: December 2013



Zone 27 Improvements Public Involvement

Public Input

- Public input is being incorporated into project design
- Improvements provide enhanced service to the public
- Public comments aid engineers in shaping the finished product

Zone 27 Improvements Project

QUESTIONS ????????

Please fill out Comment Response Forms – Thank You !!!!!!!!!!!



