The City of Prescott Water Production Facility, located in the Town of Chino Valley, is the City’s primary source for water production. This project will replace the existing water booster facility in Chino Valley and will build the new intermediate pump station and tanks located near the Prescott Airport. This project will create a reduction in transmission pipeline pressure, improve production redundancy and provide additional storage capacity closer to Prescott. (See Figure 1 for complete project location)

♦ **City of Prescott Water Production Facility (Chino Valley):**

The existing booster station is located in the Town of Chino Valley at the City of Prescott’s Water Production Facility, 251 N. State Route 89 (APN 306-23-077C). This project will consist of design and replacement of the City of Prescott water booster facility (buildings, boosters, electrical, controls). The facilities were originally built in the 1940’s and updates have been made to the facilities throughout the years to keep pace with the growing demand. The current facility is undersized to meet future demands and the existing equipment has reached the end of its service life. The facility replacement will ensure safe and reliable water supply to the City of Prescott service area. It is anticipated that the new booster station facility will have a firm pumping capacity of 14.0 MGD. By completing this project, the City will be able to provide additional reliability through higher efficiency and modernized equipment (buildings, electrical components, piping).

♦ **Intermediate Pump Station Facility:**

The new intermediate pump station site is to be located about 1 mile north of Pioneer Parkway and 1 mile west of Willow Creek Road (APN 102-01-213U) on currently undeveloped land; the site will be accessed from the east by a new road from Willow Creek Road. This project will provide the infrastructure to supply required redundancy to the existing water delivery system. This increases the overall reliability of the City’s water supply system by allowing the airport production wells to support the entire water system. Additionally, growth in north Prescott requires that a second pump station be constructed at the Intermediate Pump Station Facility that serves the surrounding pressure zone, Zone 110. The storage capacity required to meet fire demand and development growth needs
have been determined by the City’s water model. The anticipated storage required for the intermediate pumps station facility is 10 MG with ability to expand to 15 MG. The intermediate pump station and the Zone 110 pump stations are anticipated to have a pumping capacity of 17.5 MGD and 8.4 MGD, respectively. Both pump station capacities will be evaluated further and confirmed during design.

The City currently has a Request for Statement of Qualification (RSOQ) for a design consultant and Construction Manager at Risk (CMAR). The RSOQ’s are due to the City on August 30, 2018. The CMAR process will allow the City selected contractor to be involved in our design process for the project.

Site Locations:

City Contact Information

Project Manager:  Jeff Low  777-1130

Visit: www.prescottroadconstruction.com for additional project information.