

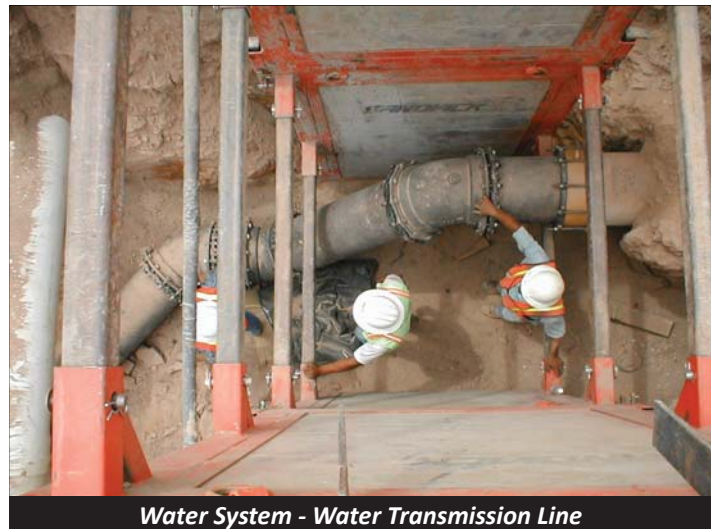
WATER/WASTEWATER ENGINEERING OVERVIEW



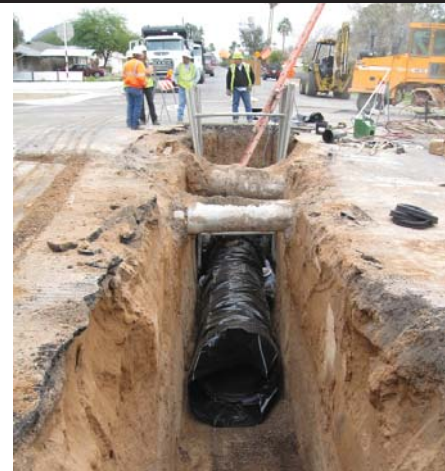
Entellus' Water/Wastewater Engineering Department has been providing solutions since its inception in 1985. Innovative, quality engineering and successful completion of numerous projects throughout Arizona have earned Entellus an outstanding reputation. Our experienced personnel provide expert engineering services, from planning and design through construction administration/management.

Water/Wastewater Engineering Services that have been provided on projects include:

- ✓ Transmission Main Design
- ✓ Booster Pump Station Design
- ✓ Reservoir Design
- ✓ Well Design
- ✓ Water Systems Appraisals
- ✓ Water and Sewer Master Plans
- ✓ Water & Sanitary Sewer Line Design
- ✓ Lift Station Design
- ✓ Pipeline Rehabilitation
- ✓ Special Permitting
- ✓ Agency Coordination
- ✓ Phased Implementation Planning
- ✓ Public Involvement Programs
- ✓ Operation and Maintenance Manuals
- ✓ Benefit Cost Analysis
- ✓ Alternative Project Delivery Methods



Water System - Water Transmission Line



Camelback Core Water Improvements

REPRESENTATIVE PROJECTS:

- ◀ City of Avondale Water System, Van Buren Street 36-inch Water Transmission Line
- ◀ City of Mesa Waterline Replacement Program
- ◀ City of Phoenix Waterline Replacement Program
- ◀ City of Phoenix Camelback Core Booster Pump Station
- ◀ City of Phoenix Camelback Core Water Improvements
- ◀ City of Scottsdale Waterline Replacement Program
- ◀ City of Phoenix 66 MGD Pump Station Design Concept Report / Design / CA
- ◀ City of Glendale 3.5 MGD Sewer Lift Station 21" Sewer Main Relocation / CA
- ◀ City of Mesa Interceptor Sewer Route Study
- ◀ City of Peoria 3 Miles 36" Water Transmission Main
- ◀ City of Mesa Sewage Metering Station
- ◀ City of Phoenix 33MGD Booster Pump Station and 3 miles of 12-42" Water Transmission Main – Design CA



Camelback Core Booster Pump Station

ENTELLUS PHILOSOPHY AND APPROACH

Entellus' goal is to provide services that are both cost-effective and timely through intelligent engineering and proactive environmental solutions. To achieve our goal, we offer a high level of reliability, technical excellence, and responsiveness. We are committed to work as a team with our clients to build valued long-term relationships.

Entellus has been successfully involved in the analysis, planning, design, and construction administration of transportation projects in Arizona. Entellus offers our clients a complete range of civil engineering services from design through inspection. We are experienced in the unique dynamic of maximizing the end user's satisfaction while keeping a strong focus on our clients' objective of minimizing costs and time to market.



We accomplish this by focusing on three principals:

- ◀ We communicate with the appropriate agencies and ultimate facility owners early in the project. Then we maintain that critical line of communication.
- ◀ We communicate with the client. We do this often, openly, and with proactive suggestions.
- ◀ We assign Key Personnel with significant experience providing services to private sector clients.

ENTELLUS CORE PURPOSE:

To provide solutions that have a positive impact on our community, the world and the way in which people live, work and play.



Contact:
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OTHER TECHNICAL SERVICES:

Hydrology & Surface Water

Transportation

Development Services

Airport Services

Funding

GIS