



ENTELLUS, INC.

2255 N. 44th Street, Suite 125 • Phoenix, Arizona 85008

Phone: (602)244-2566 • Fax: (602)244-8947

Website: www.entellus.com

FIRM OVERVIEW

Entellus is an Arizona-based civil engineering corporation. We have a professional staff of over 40 engineers, scientists, technicians and support staff. Entellus has been in the consulting business since 1985 and has had long successful working relationships with many government and private clients. Entellus has successfully been involved in the analysis, planning, design, and construction administration of infrastructure projects throughout Arizona. Entellus offers our clients a complete range of civil engineering services—from design through inspection.

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' staff provides a wide array of project solutions, ranging from conceptual planning and feasibility studies through construction quality assurance. Our diversified professional resources allow us to meet most project challenges in-house. We have the capabilities to provide timely, comprehensive and cost-effective solutions to your needs.

TECHNICAL SERVICE OFFERINGS

Our engineering staff consists of highly specialized professionals that are capable of providing services in the following areas:



Transportation Engineering: location and route studies, design concept reports, highway and street design, Intersection design, signing and striping plans, drainage analysis and design, utility infrastructure/relocation, right-of-way analysis and plans, legal descriptions and exhibits, construction management, value engineering, quality/constructability reviews, comprehensive project management, public involvement, agency coordination.



Hydrology & Surface Water Engineering: area drainage master plans, roadway drainage systems, detention/retention basins, FEMA floodplain delineation studies, scour analysis, water recharge, CLOMR/LOMR, ponding/backwater inundation analysis, drainage manuals, development, site development grading and drainage, dambreak analysis, channels/drop structures, storm drains/culverts, jurisdictional dam permitting/design, GIS facility inventory, Doppler Radar Reflectivity Analysis, real storm flow analysis.



Water/Wastewater Engineering: water transmission main design, booster pump station design, water system appraisals, water and sewer master plans, sanitary sewer line design, public involvement programs, sewer lift station design, pipeline rehabilitation, agency coordination.

Core Purpose:

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



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GIS Services: mapping, data collection and development, database creation, systems modeling and analysis, infrastructure design and management, asset inventory, three dimensional graphic presentation, watershed analysis, custom geo-processing tools, and other applications in existing engineering services areas.



Field Services: control, boundary, ALTA and topographic surveying, construction staking and as-builts, constructability/bidability/operability reviews, independent cost estimating, pre-bid assistance such as schedule analysis and claims review, quality assurance, pre-construction conferences, post-bid assistance, and construction inspection/observation/monitoring. Respond to contractor requests/plans interpretation, administer weekly meetings and distribute minutes, submittal review, and review as-built plans for accuracy/completeness. Training for claims avoidance and document management.



Development Services: commercial and site development design; residential land development due diligence studies; master planned communities infrastructure services including master plans for water, sewer, and drainage; final design of arterial roadways, utility transmission mains, pump stations, reservoirs, detention basins; construction staking, parks; subdivision improvement plans and final plats; preliminary construction budgets, bidding, utility coordination, and construction management scheduling of subcontractors until final acceptance.



Airport Services: studies and design, as well as construction administration of: runway overlays and expansions, new hangar construction, security fencing, access roadways, hangar and site development, taxiways, walkways and air cargo aprons, water and fire suppression systems, terminal remodeling, parking facilities, flood mitigation, drainage studies and master plans, lighting and instrument control system (PAPI).



Funding Assistance: Clean Water SRF Technical Assistance Grants & Loans, Drinking Water SRF Technical Assistance Grants & Loans, FTA-Public Transit Investment Grants, Surface Transportation Supplemental Grants, Watershed Rehabilitation Program, Public-Private Partnerships, Improvement Districts, Community Facilities Districts, Special Districts, Grant Writing.



Value Engineering: consulting services utilizing the application of Value Engineering (VE) methodology with the goal of improving value enhancing performance while minimizing costs. VE has a wide range of applications, including business processes, product design/manufacturing, and construction projects.

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