



Civil Systems, Inc.

Birmingham, AL 205.969.0800  
Mobile, AL 251.479.0808

[www.civilsystemsinc.com](http://www.civilsystemsinc.com)

## System Design

For water, wastewater, or general site improvement projects, CSI offers a full menu of proven, practical, and cost-effective engineering solutions. Let CSI's professionals develop the right solution for you.

### Wastewater Systems

For any type of wastewater system project - expansion, rehabilitation, or system replacement and upgrade - CSI offers a team with experience in planning, design, and construction administration. Our extensive experience in collection system operation and maintenance is an added benefit, enabling CSI to develop designs that are economical and practical. CSI's full service computer aided drafting and design (CADD) group with state of the art equipment supports our engineering team. Close coordination keeps the client involved in the project from start to finish.

CSI's project capabilities include:

- Municipal and Decentralized Treatment Plant Design
- System Planning
- Gravity Sewer Design
- Force Main and Lift Station Design
- Sewer Replacement Design
- Sewer Rehabilitation Design
- Hydraulic Modeling
- GPS/GIS Mapping
- Tunnel Design
- Directional Drilling Design
- Construction Administration and Construction Scheduling
- Funding Procurement



### Water Systems

Safe, reliable and economical water supplies are vital to all communities. CSI helps water utilities meet their unique challenges in planning and designing water distribution systems and storage facilities. CSI provides complete project services, including preliminary reports, assistance in securing funding from state and regional agencies, system design, preparation of contract documents, bid analysis, resident engineering services through construction, and assistance with startup and operation of new potable water facilities.

CSI's project capabilities include:

- Surface Water Intake Design
- Groundwater Production Well Design
- Ground and Surface Water Treatment Plant Design
- Distribution System Design
- Storage Tank Design
- Hydraulic Modeling
- GPS/GIS Mapping
- Master Planning
- Construction Administration and Construction Scheduling
- Funding Procurement

### General Site Development

CSI's team of professional engineers and CADD staff can develop the site plan needed for your commercial, industrial, or residential development. CSI's portfolio of services includes site arrangement, building and parking layout, grading and drainage, utility design, construction details, and specifications. CSI works with the client and project architect to develop a functional design and site layout that achieves the client's vision for the project.



## Engineering Services

System Design

GIS Mapping

Sewer Evaluation

Regulatory Compliance

Construction Administration

Project Scheduling