Key components in a community’s infrastructure include roadways, bridges, sanitary and storm sewers, water mains, streetscapes, sidewalks, and bicycle paths. These components play a major role in the quality of life experienced by its residents. Existing residents expect infrastructure to be well-maintained, and future residents evaluate these capital assets in their search for a new home.

For over 65 years, Chastain has been improving community infrastructure and providing cost-efficient engineering solutions to municipal clients throughout Illinois. Through these experiences, we have developed a proven approach and understanding of municipal engineering.

Our municipal engineers understand the issues and challenges public works officials face today. We respect your dollar as if it was our own, and as a team player, our goal is to support your efforts in sustainable development, enhancing the quality of life in your community. Investigating potential funding sources is an avenue we actively pursue to supplement project budgets or to assist in moving a vision to reality.

To best serve our clients, we listen first, then evaluate the project needs and develop options analyzed against proven solutions. We provide easy communication and quick response times. Working closely with municipal staff, we provide conformance with your local ordinances and ensure transparency of services to your residents. Our Quality Assurance Plan ensures your project is done right the first time.

“What really stood apart from all other efforts was their (Chastain) responsiveness to our residents and the efforts taken to address their concerns and questions.”
- Village of Schaumburg

“Compared to the other HSIP grant projects the City has implemented recently; this project was by far the most successful at staying close to the 90/10 actual split. Chastain did a great job here controlling the costs of this project.”
- City of Rockford

“Thanks everyone for the successful completion to a project that is very important to the City. From what I’ve seen, it has gone very well thanks to a good contractor and a very engaged project engineering team.”
- City of Decatur
OUR HISTORY

Homer and his brother Edward Chastain founded the firm in the spring of 1954 in Decatur, Illinois. After being awarded a 909,000 square feet facility expansion project for Caterpillar, the brothers mortgaged everything they owned to meet the increased payroll and staffing demands of the project.

Chastain continued to grow and established itself at the forefront of consulting firms that began to emerge with the creation of the Interstate Highway System in the 1950’s and 1960’s.

Throughout the decades, Chastain has continued to expand and today has established branch offices in Schaumburg, Rockford, Benton, and Champaign, Illinois, as well as branch offices in Beloit, Wisconsin, Lafayette, Indiana and Paducah, Kentucky. Most recently, we have strengthened our land development and municipal engineering services while expanding our services in water and wastewater treatment plants and pump stations.

Today, we are guided by the principles of building and maintaining long-lasting client relationships. We are dedicated to providing responsive, quality engineering using a team approach, half a century of hands-on experience alongside current technology.

Municipal Engineering
- Arterials, Local Roads, Streets and Alleys, and Multi-Use Paths
- Storm Water Management
- Pavement Management & Design Services
- Floodplain / Drainage Analysis & Design
- Detention/Retention
- GIS Databases & Mapping Services
- Traffic Signals
- Pedestrian Traffic Flow
- Parking Lots, Sidewalks, Ramps and ADA Accessibility
- Regulatory & Permit Compliance
- Grant Writing
- Master Planning
- Water Resources: Drinking Water, Distribution Systems & Treatment Plants
- Wastewater: Treatment Plants, Collection Systems & Pump Stations

Surveys
- Boundary
- 3D Laser Scanning
- Hydrographic Surveys
- ALTA/ACSM Land Title Surveys
- Right-of-Way
- Record Drawings
- Topographic Mapping
- Horizontal and Vertical Controls
- Legal Descriptions
- Deed Interpretation and Boundary Dispute Resolution
- Forensic Surveys
- Commercial Subdivisions
- Municipal Annexations
- Aerial Survey Control / Ground Control for Aerial Mapping

Transportation Engineering
- Expressways, Interstates, Tollways, & Highways
- Safety and Feasibility Studies
- Location Design Studies
- Traffic Studies
- Intersection Design Studies
- Location Drainage Studies

Structural Engineering
- Bridges and Culverts
- Structural Analysis, Evaluation & Design
- Structural Rehabilitation
- Footings & Foundations Design
- Falsework and Shoring
- Retaining Walls / Landscape Walls

Construction Engineering
- Construction Management / Owner Representation
- Observation / Inspection
- Documentation of Materials and Quantities
- Record Keeping / Specification Compliance
- Construction Layout & Staking
- Construction Issue Resolution
- Review of Contractor Pay Requests
- Constructability Reviews

Land Development
- Site Analysis & Master Planning
- Zoning Petitions and Submittals
- Public Outreach
- Residential Subdivisions
- Commercial Subdivisions
- Grant Writing
- Site Level Drainage Design
- Preliminary Plats
- Final Plats

Land Acquisition
- IDOT-Certified Land Negotiator