Company Profile

Who We Are

MECO has an established reputation as a leading provider of public works engineering. We provide sound engineering solutions and only the best in client-focused service. We serve municipalities, water and sewer districts, counties, state agencies, universities, school districts, and private sector clients throughout Missouri and Central Illinois. Our dedication to meeting our client’s needs shines through quality workmanship and personal service.

MECO is a locally owned firm founded in 1985 in Hannibal, Missouri. Our corporate office is located in Hannibal with operations augmented by offices in Jefferson City and Boonville, Missouri. We serve our West Central Illinois clients through our Pittsfield office. MECO Engineering Company is a corporation with principals, owners, a Board of Directors and officers. 85% of our clientele are municipalities and water districts.

Our team will take your project from the initial concept, development and study phase, through the design, finance planning and permitting, and on to construction, without delay and on budget. Success depends on more than designing outstanding projects. Our success is dependent on building enduring, valued relationships. We continue to grow through timely completion, superior work, responsiveness, and Exceptional client satisfaction.

Corporate Structure

Scott E. Vogler, PE
President & Owner,
Senior Principal Engineer | Director of Engineering
Jefferson City

Max F. Middendorf, PE
Vice President & Owner
Principal Engineer | Secretary of the Board of Directors
Assistant Director of Engineering | Illinois Office Manager

James D. Bensman, PE, SE
Vice President & Owner
Principal Engineer | Director of Engineering (Hannibal)
Senior Structural Engineer

Our Capacity

33 Employees
4 Offices

10 Professional Civil Engineers (PE)
Specializing in:
- Municipal,
- Environmental
- Structural/Bridge (SE)
- Mechanical Electrical (MEP)

3 Engineers (non-registered)
2 Professional Land Surveyors (PLS) Missouri/Illinois Surveys
1 Certified Floodplain Manager (CFM)

Clients:
- Governments
- Universities/schools,
- Private sector clientele

Emphasis:
- Municipal
- Water district,
- Governmental engineering

Pre-Qualified:
- Missouri Department of Transportation (MoDOT)
- MoDOT LPA Consultant
- Illinois Department of Transportation (IDOT)
- Illinois Capital Development Board (CDB)
Company Profile

Municipal, Public Works Departments, & Governmental Clients

Ashland, MO  Jefferson City Parks & Rec
Barry, IL  City of Jefferson City, MO
Bonne Terre, MO  Kampsvis, MO
Boonville, MO  Kahoka, MO
Bowling Green, MO  Kinderhook, IL
Bunceton, MO  Lincoln, IL
Centralia, MO  Louisiana, MO
Centerview, MO  Mokane, MO
Carlinville, IL  New Canton, IL
Chilhowee, MO  New London, MO
Clark, MO  Nilwood, IL
Clarksburg, MO  Ottiville, MO
Curryville, MO  Palmyra, MO
Curran Gardner, IL  Pilot Grove, MO
Deepwater, MO  Pittsfield, IL
Eldon, MO  Portage Des Sioux, MO
Elsberry, MO  Salisbury, MO
Farber, MO  Shelbyville, MO
Fayette, MO  Silex, MO
Griggsville, MO  St. Thomas, MO
Hannibal Board of Public Works  Stover, MO
Hannibal, MO  Truesdale, MO
Hartsburg, MO  Vienna, MO
Hermann, MO  Westphalia, MO
Hunnewell, MO  Winfield, MO

CITY ENGINEER
Pilot Grove, Missouri
Ashland, Missouri
Boonville, Missouri
Eldon, Missouri
Fayette, Missouri
Higbee, Missouri
Winfield, Missouri
Pittsfield, Illinois
Barry, Illinois
Griggsville, Illinois
Liberty, Illinois

ON-CALL ENGINEER
Truesdale, Missouri
University of Missouri
“Civil Tool Box” Original member (2007-present)
Missouri Office of Administration
Facilities Management, Design & Construction

Pre-Qualified
Missouri Department of Transportation (MoDOT)  MoDOT LPA Program
Missouri Department of Conservation  University of Missouri Facilities Management
Boone County Resource Management  Boone County Regional Sewer District (BCRSD)
City of Jefferson Public Works  City of St. Charles, MO Public Works
Illinois Department of Transportation (IDOT)  Illinois Capital Development Board (CDB)

COUNTIES: Marion (County Engineer), Cooper, Franklin, Maries, Franklin, Ralls, Howard County, Lincoln, Mongomery

WATER DISTRICTS & COMMISSIONS: 12 (Missouri and Illinois)

SCHOOL DISTRICTS: Hannibal #60; Silex R-1; Jefferson City Public Schools; Lewis County C-1, Sturgeon R-V
Our Work

Quality Control & Quality Assurance

MECO Engineering Company is committed to superior work at every level. Our Quality Control and Quality Assurance Program (QC/QA) guarantees we are achieving this goal every step of the way.

Document Review Process:

In order to meet the standards of the regulatory and funding agencies, work-in-progress documents are subject to review by our in-house QC/QA Team. This process guarantees accuracy during the development, initial and final designs of Preliminary Engineering Reports and Facility Plans.

A general review of the overall project approach and design philosophy is completed by the designated QA/QC Team. Reviews are conducted at specific phases, generally at 50%, and 90% completion. They ensure the project is progressing in accordance with the project scope and that sound engineering practices are being followed.

Each review includes an evaluation of the project contract budget to maintain cost control. No plans are made available to regulatory or funding agencies, contractors, owners, or other interested parties until the appropriate review has been made and the plans are initialed by the reviewer (Director of Engineering/Assistant Director of Engineering).

The QC/QA review ensures that projects progress according to the agreed upon schedules. It provides a method of tracking deadlines, completed and uncompleted tasks.

We employ stringent quality assurance measures that are imperative to the success of any project, regardless of scope or size. In addition to our in-house assurance standards, we require and expect the same quality of workmanship from our sub-consultants. We select firms we trust in and who have a record of outstanding achievement and success.

QC/QA Team Members

Scott E. Vogler, PE,
President | Director of Engineering

Max F. Middendorf, PE,
Vice President | Assistant Director of Engineering

Program Components

- Design phase review
- Cost estimate calculation review
- Establishment & adherence to standardized plan sheets, design details, construction specifications
- Computer Aided Design & Drafting (CADD) Standards
- Development & adherence to construction phase protocols
- Project review process
- Adherence to project schedule & time lines
- Project progress tracking & documentation system
Sidewalks & Trails

Troy, MO
Downtown Sidewalk Replacement & Historical Period Lighting Project
Sidewalk | Lighting

MECO engineers and staff worked closely with the city engineering department, downtown business owners, and the Chamber of Commerce to plan and design the replacement of 1,200 LF of deteriorated sidewalks in the downtown district. The installation of 19 historical period style lighting fixtures, added to the ambiance and charm of this historic and inviting downtown neighborhood.

The new Portland Cement Concrete (PCC) sidewalk project was constructed in compliance with ADA and LPA Manual design standards. New benches and trash receptacles improved the overall streetscape around the courthouse square and throughout the historic downtown area.

Jefferson City Parks, Recreation & Forestry
Sidewalk | Pedestrian | Trail System

MECO planned and designed the 22,000 LF sidewalk and trail system for the Jefferson City Parks, Recreation, and Forestry Department. This system connects schools, parks, residential areas, local business districts, and an important medical center. The project provided safer walking and biking environments throughout the community.