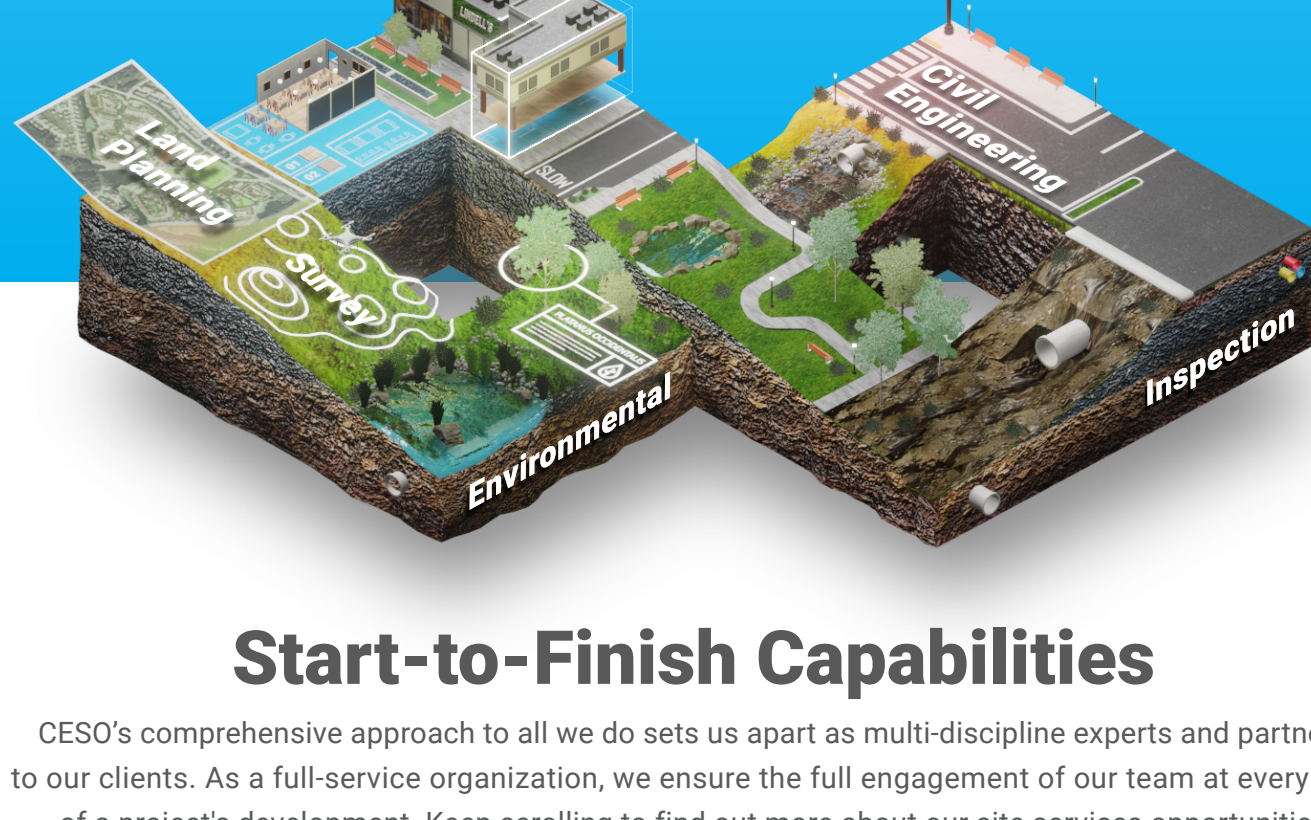


A Closer Look: Site Services



Start-to-Finish Capabilities

CESO's comprehensive approach to all we do sets us apart as multi-discipline experts and partners to our clients. As a full-service organization, we ensure the full engagement of our team at every step of a project's development. Keep scrolling to find out more about our site services opportunities and how our co-ops make an impact in their roles.



Land Planning & Landscape Architecture

What We Do

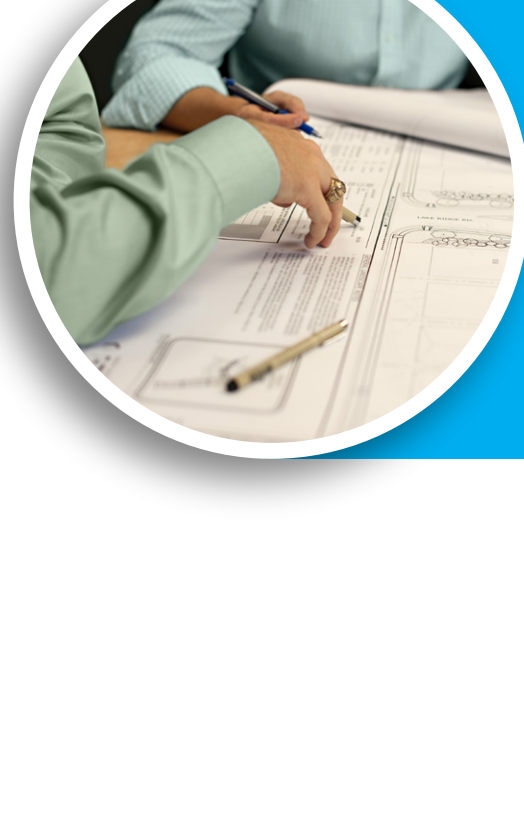
Land planning and landscape architecture bridge the natural and built environments. Our team of experts create memorable environments that blend seamlessly with their natural surroundings and promote engaging connections. We design spaces that enhance human connectivity, addressing communal, social, and ecological considerations. Our creative site solutions bring our clients' visions to life.

- Theming and Visioning
- Site Analysis and Selection
- Zoning Representation and Entitlements
- Entry Monumentation
- Concept Master Planning
- Community Gateway Design
- Streetscape Planning and Design
- Irrigation Infrastructure Planning and Design
- Site and Hardscape Design
- Design Guideline Preparation

What You Will Do

As a co-op, you will contribute to various aspects of project development related to outdoor spaces and land use for residential, commercial, and industrial clients. Your blend of creativity, technical skills, and teamwork will be essential for the successful completion of projects in collaboration with our clients.

- Learn land planning & landscape architecture processes and procedures
- Prepare and modify drawings using software such as AutoCAD, Photoshop, and SketchUp
- Partner with civil engineers, surveyors, and other professionals involved to coordinate efforts for projects
- Assist in conducting site observations with team members
- Support land planners and landscape architects in the development of design concepts, master plans, and site layouts for projects
- Help prepare drawings, renderings, and presentations that communicate design ideas effectively to clients, stakeholders, and project teams



Survey

What We Do

Precision and accurate surveying are critical to the success of any project. We use state-of-the-art tools and technologies so the team can gather dependable data needed for civil engineering designs, construction projects, real estate development, and municipal infrastructure initiatives.

Preliminary Services

- Zoning Plats
- Topographic Survey
- Delineated Wetland Mapping
- Route Survey
- Boundary Survey
- Lot Split Survey / Subdivision Platting
- Easements
- Right-of-Way

Construction Services

- Geotechnical Boring Staking
- Utility Location Survey
- Infrastructure and Building Staking

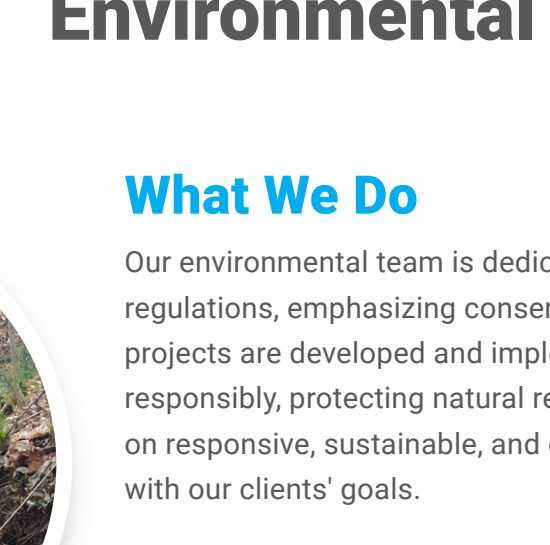
Final Survey Services

- ALTA / NSPS Survey
- Deformation Survey
- Structural As-Built Survey
- Utility As-Built Survey
- Post Construction Easements

What You Will Do

As a survey co-op, you can expect to engage in a variety of tasks and responsibilities related to real-world projects. You will play a role in providing accurate spatial data and surveying details to support various industries, including construction, engineering, land development, and environmental management.

- Learn surveying processes and procedures
- Assist in the design of plans using AutoCAD and Civil 3D technology
- Operate survey equipment, including Trimble Business Center, among others
- Perform survey calculations
- Create spreadsheets in support of staff projects
- Partner with landscape architects, civil engineers, land planners, and other professionals involved to coordinate efforts for projects
- Participate in surveys to help determine the boundaries, contours, and topographic features of a piece of land



Environmental

What We Do

Our environmental team is dedicated to adhering to complex regulations, emphasizing conservation and restoration. We ensure responsibly, protecting natural resources and ecosystems. We focus on responsive, sustainable, and cost-effective solutions that align with our clients' goals.

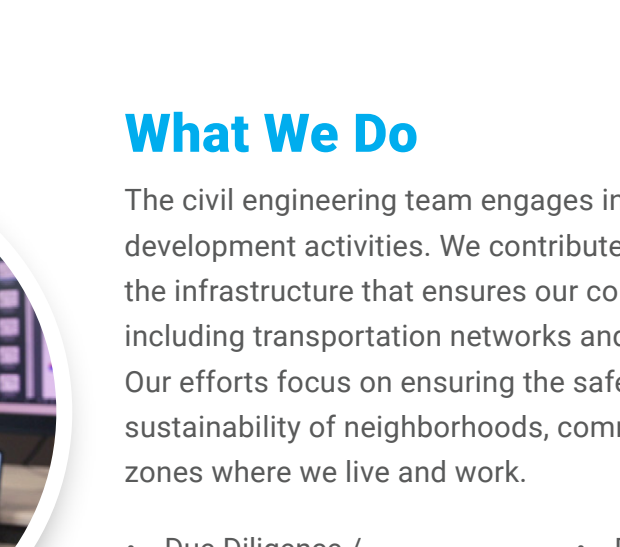
- Stream and Wetland Delineations
- Pre-Drill and Post-Drill Water Sampling
- Endangered Species Habitat Assessments
- Soil and Groundwater Sampling
- Botanical Surveys

- Mitigation Plans
- Environmental Permits
- Wetland Mitigation Design and Monitoring
- Stream Restoration and Design
- GIS Mapping

What You Will Do

As an environmental co-op, you will work on various tasks related to environmental assessment, compliance, and sustainability. You will gain valuable hands-on experience in these areas while supporting our firm's commitment to promoting environmentally responsible practices in project development and implementation.

- Learn environmental processes and procedures
- Assist with stream augmentation compliance
- Stream mitigation oversight with the team
- Assist with wetland delineations
- Coordinate and perform pre-drill water sampling
- Input and manage field data
- Partner with architects, civil engineers, surveyors, and other professionals involved to coordinate efforts for projects



Civil Engineering

What We Do

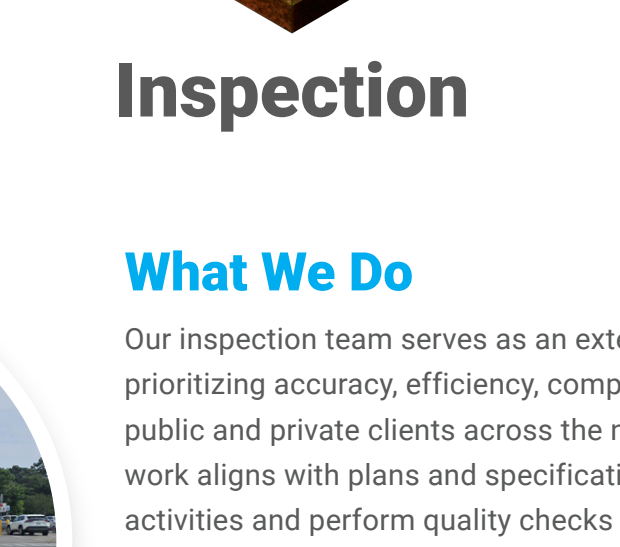
The civil engineering team engages in a wide range of site development activities. We contribute to creating and maintaining the infrastructure that ensures our communities function smoothly, including transportation networks and water supply systems. Our efforts focus on ensuring the safety, functionality, and sustainability of neighborhoods, commercial areas, and industrial zones where we live and work.

- Due Diligence / Site Investigation Reports
- Conceptual Site Layout / Development Planning
- Stormwater Management Design
- Traffic Studies
- Site Design
- Roadway Design and Improvements
- Utility Main Extensions
- Entitlements and Zoning Coordination & Representation
- Permit Coordination
- Construction Administration / Bidding Support

What You Will Do

As a civil engineering co-op, you will familiarize yourself with our methods and protocols while contributing to the creation of site plans. This involves designing grading, stormwater management, roadway layouts, and utility layouts using Civil 3D software. Collaborating with team members, you will analyze and produce engineering drawings essential for the design phase.

- Learn civil engineering processes and procedures
- Prepare and modify engineering drawings and diagrams using both manual and technical applications
- Generate and analyze technical data
- Create flow charts and spreadsheets in support of staff projects
- Partner with architects, surveyors, land planners, and other professionals involved to coordinate efforts for projects
- Support teams in civil in the design process by drafting plans, creating layouts, and using software tools like AutoCAD and Civil 3D to develop site plans, grading plans, utility layouts, and other drawings



Inspection

What We Do

Our inspection team serves as an extension of our client's staff, prioritizing accuracy, efficiency, compliance, and quality for our public and private clients across the nation. The team verifies that work aligns with plans and specifications. They monitor ongoing activities and perform quality checks to ensure accuracy.

- Pavement and Parking Lot Inspections
- ADA Parking and Access Inspections
- Oil & Gas / Energy Sites in Eastern Ohio
- Haul Routes and Roadway Inspection
- Well Pad Inspections
- Inspector's Daily Report (IDR)

What You Will Do

As an inspection co-op, you will participate in site visits to learn about compliance with design specifications and collect data. You will assist in preparing inspection reports, receive mentorship, utilize inspection tools and technologies, and gain proficiency in project management software. This experience will enhance your practical skills and understanding of the inspection role.

- Review and decipher pavement inspection reports from the field
- Compile raw data from fieldwork and draw into AutoCAD
- Create construction document plans that will go out to bid
- Train on ADA standards as relates to parking lot parking and access requirements
- Field visits to local sites to participate in pre- and post-inspection

