



Civil & Environmental Consultants, Inc.

NASHVILLE

OUR STORY

CEC Nashville opened in 1998 with the acquisition of a small transportation engineering firm. After the acquisition, CEC Nashville's connection to the transportation industry remained a large focus of our business, but our client base also diversified. Our current market sector groups are broadly divided among public sector, real estate, and solid waste, with a smaller presence in mining, power, and manufacturing.

Our office provides services in civil/site engineering, geotechnical engineering, landscape architecture, survey/geospatial, ecological sciences, waste management, environmental engineering, water resource engineering, traffic/transportation, and GIS. We specialize in ecosystem restoration, mitigation banking, listed species, wetland and stream determinations, floodplain management and modeling, MS4 permits and compliance, wastewater engineering, solid waste management, site planning and engineering design, landscape architecture, due diligence services, survey, municipal engineering and infrastructure, and construction inspection services.

OUR CULTURE

Our long-tenured leadership team has provided a firm foundation for building our current service line. Employees work well together across disciplines. The atmosphere in the office is also very much family-oriented. There are two prerequisites for working here: You must care about the people working next to you and you must have a sense of humor!

We offer frequent social opportunities for staff, such as an annual Christmas party, Friday afternoon staff mixers, and annual staff/family outings such as picnics and Nashville Sounds baseball games. Our clients aren't just "clients"—they're our friends. Golf outings, sporting events, and concerts with clients are encouraged. Ask us about our annual Pig and Pearls client appreciation event!

GIVING BACK

The Nashville office strongly supports community outreach and volunteerism. We regularly participate in events such as stream clean-ups, tree plantings, charity golf outings and races, and Habitat for Humanity. We exhibit at the Brentwood Environmental Education Day, the Water for Life Festival, and the Stones River Waterfest, which all promote environmental education. We also partner frequently with the Cumberland River Compact.



NOTABLE PROJECTS

Facility Flood Control for A.O. Smith | Ashland City, TN

A.O. Smith proposed to construct a flood control levee to protect its Ashland City facility from future flooding events. We surveyed the area and conducted hydraulic analyses of the Cumberland River and Puzzle Fool Creek to determine the impact that the proposed levee would have on the water surface elevations during flood events. The project required coordination with the Tennessee Department of Transportation roadway improvements of SR 455 in front of the facility. Coordination with the U.S. Army Corps of Engineers included Clean Water Act permitting, NEPA clearance, cultural resources, and required Congressional Action for land disposal of federal property.

Harpeth River Bank Stabilization | Franklin, TN

Severe bank erosion on the left descending bank of the Harpeth River threatened the infrastructure at the City of Franklin's wastewater treatment plant. CEC combined natural stream design principles, bioengineering, and traditional stabilization techniques by incorporating longitudinal stone toe protection, grading, locked log protection, and vegetation to protect the City's infrastructure and to repair the stream bank.

Tennessee Department of Environment and Conservation (TDEC) Projects | Camden, TN

CEC has completed many projects for TDEC, including landfill design and support services. We've provided design and closure plans for the Aluminum Processing Waste Cell Landfill and the Industrial Waste Cell Landfill. For the former Environmental Waste Solutions Landfill, our team performed groundwater assessment monitoring, provided sampling and analytical plans, managed the Class III/IV leachate, and operated the on-site hazardous wastewater pretreatment system.

Huntington Industrial Partners: Park 840 West, Building 200 | Lebanon, TN

CEC directed removal of several hundred yards of unacceptable soils and the import of an equal amount of fill to bring the site up to finish floor elevation. CEC also designed a new drainage system to the regional detention pond and wetlands; the drainage design allowed the building to be constructed with expansion in mind. Our design of the southern wall of the precast concrete building allowed for additional dock punch-outs.



CEC | NASHVILLE

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