



**USACE—St. Louis District
Flood Recovery – Levee Repairs — Murphysboro, Illinois**

CTI and Associates, Inc. was the prime contractor to the USACE for the excavation and reconstruction of landslides in the sides of the earth levee. CTI was instrumental in the implementation of a one-of-a-kind lime stabilization specification for the levee repairs. Using its quality control/quality assurance experience and collaborative team work ethic, CTI delivered value to the project through timely management of QC activities, partnership with the Corps and earthwork subcontractors, and proactive response to project challenges.



**USACE—St. Louis District
2008 Flood Recovery – Levee Repairs — Lincoln County, Missouri**

CTI and Associates, Inc. was the prime contractor to the USACE for the reconstruction of breaches through the earth levee. Project challenges included meeting a demanding schedule under winter conditions, construction underwater, and orchestrating earthwork logistics on a small, congested worksite. Utilizing its extensive experience in construction with geosynthetics and soils, CTI put state-of-the-art practices to optimal use in meeting these challenges and presented multiple construction alternatives to the USACE to save time, construction cost, and lifetime cost.



Wright Patterson AFB – CZ, RPO, EE/CA

Under subcontract to Tetra Tech, Inc., CTI is performing a variety of tasks at Wright-Patterson AFB in Ohio to help the USAF optimize a costly groundwater pump and treat system. Tasks include completion of an RPO study, a capture zone analysis, and two pilot tests. Following these studies, an Engineering Evaluation/Cost Analysis (EE/CA) will be prepared to obtain regulator approval for optimization recommendations, and then design specifications will be prepared for modification/replacement of the existing remediation system.



Wright Patterson AFB – Two Environmental Assessments

Under subcontract to Tetra Tech, Inc., CTI is performing two Environmental Assessments at Wright-Patterson AFB in Ohio. The EAs are being completed in accordance with NEPA requirements, and related State of Ohio rules and statutes. The first EA is for the establishment of a new EOD training area (the base currently does not have one) and considers a total of three possible sites. The second EA is for the establishment of a new, combined-usage training area to be shared by the National Air and Space Intelligence Center (NASIC), and the USAF School of Aerospace Medicine, Expeditionary Medical Support unit (USAFSAM EMEDS).



US Coast Guard—Department of Homeland Security

CTI assisted the USCG in preparing for routine maintenance dredging at two of its installations in Michigan's Upper Peninsula, the Coast Guard Sector Sault Ste Marie, and the Coast Guard Station Dollar Bay. The work consisted of planning for, and executing sediment contaminant characterization activities at the two installations. Contaminant characterization information was used to support permitting for the dredging effort and dredge spoil disposal planning.



US Fish and Wildlife Service—Shiawassee National Wildlife Refuge, Shiawassee County Michigan

CTI's survey team was responsible for surveying three (3) independent areas including approximately 7.5 miles of roadway throughout the Shiawassee National Wildlife refuge in Shiawassee County Michigan for the Federal Bureau of Fish and Wildlife. The purpose of the survey was to accurately map: an existing educational facility for accessibility improvements; a river crossing for a proposed bridge installation; and the old existing roads throughout the site for design of roadway improvements, new parking areas, new viewing areas and improved public facilities.



- Civil Engineering / Surveying
- Environmental / Remediation
- Geotechnical Engineering
- Subsurface Exploration
- Construction Materials Testing / Inspection
- Landfill Design and CQA

***CTI is an
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Company***

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Business Development Council

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