



Keep preserving natural resources.

Foth is a multi-faceted consulting engineering company that has a reputation for providing cost-effective wetland solutions for utilities. We offer a full range of wetland services, from the initial wetland identification through permitting and annual mitigation monitoring. We work closely with the parties involved to help utilities achieve their project goals. Our wetland experts have established an excellent working relationship with the U.S. Army Corps of Engineers (USACE) and local agencies involved in the permitting process. Foth's wetland services allow utilities to make optimal use of the property while achieving compliance with the USACE Section 404 Permitting Requirements.

From Delineation Through Monitoring

Foth has a record of finding win-win solutions for protecting our natural resources while meeting

our clients' needs. If suspected wetlands or Waters of the United States (WUS) are present in the project area, our wetland experts will visit your site to evaluate whether the three essential characteristics of a wetland are present: hydrophytic vegetation, hydric soils and wetland hydrology. If wetlands or WUS are identified, we will determine the boundaries and prepare a delineation report summarizing our findings. The proposed project plans will be reviewed and compared to the delineation results to determine the amount of wetlands or WUS impacted by the proposed project. If wetland or WUS impacts are proposed, Foth offers assistance in USACE Section 404 Permit application submission. Foth also provides wetland mitigation planning which includes design of an appropriate mitigation area that will complement the project while satisfying USACE guidelines. Foth can also facilitate cultural resource studies and threatened and endangered species studies which may be required by the USACE during the permitting process.

Following the permit submittal, Foth provides follow-up consultation with the USACE to facilitate permit approval and implementation. We also provide construction observation and annual monitoring services routinely required by the USACE in the Section 404 Permit. Our team is committed to providing excellent wetland services from start to finish.

Our services include:

- ◆ Wetland and WUS delineation
- ◆ Section 404 Permit application preparation
- ◆ Wetland mitigation design
- ◆ Stream stabilization and restoration design
- ◆ Wetland banking
- ◆ Threatened and endangered species coordination
- ◆ Cultural resource survey coordination
- ◆ As-constructed documentation
- ◆ Annual wetland and WUS monitoring



Select Projects

- ◆ 156th Street Improvements, Urbandale, Iowa
- ◆ Alices Road, Waukee, Iowa
- ◆ Alliant Energy Industrial Sites, Multiple Cities in Iowa and Wisconsin
- ◆ American Legion Road, Iowa City, Iowa
- ◆ Army Post Road Improvement Project, Des Moines, Iowa
- ◆ Ashworth Road Improvement, West Des Moines, Iowa
- ◆ Beaver Creek Bank Stabilization, Johnston, Iowa
- ◆ Booneville Road, West Des Moines, Iowa
- ◆ Centennial Park Stream Restoration, Waukee, Iowa
- ◆ Central Iowa All Sports and Events Complex, West Des Moines, Iowa
- ◆ Crossroads Business Park, Grimes, Iowa
- ◆ Des Moines International Airport, Des Moines, Iowa
- ◆ Eastern Iowa Airport West Cargo Expansion, Cedar Rapids, Iowa
- ◆ Grand Prairie Parkway, Waukee, Iowa
- ◆ Hubbell Avenue Stormwater Quality Wetland, Des Moines, Iowa
- ◆ Kettlestone Development, Waukee, Iowa
- ◆ Microsoft Data Center, West Des Moines, Iowa
- ◆ North Shore Development, Norwalk, Iowa
- ◆ NW 62nd Avenue, Johnston, Iowa
- ◆ NW 70th Avenue, Johnston, Iowa
- ◆ Odle Gravel Mine, Heyworth Illinois
- ◆ The Parkways Development, West Des Moines, Iowa
- ◆ Prairie Trail Wetland Monitoring, Ankeny, Iowa
- ◆ Sienna Hills Development, Ankeny, Iowa
- ◆ Veterans' Parkway and SW Grand Prairie Parkway, West Des Moines, Iowa
- ◆ Waukee Civic Campus, Waukee, Iowa
- ◆ Wolf Creek Estates, Polk City, Iowa
- ◆ Wright Brothers Business Park, Cedar Rapids, Iowa



For more information, contact:

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