

Transportation Services



Birkitt Environmental Services, Inc. (Birkitt) is experienced with Project Development and Environmental (PD&E) studies including intersection improvements and roadway expansions. Other transportation related projects include bridge construction/replacement, sidewalk improvements, and boardwalk construction. Services have included wetland assessments and jurisdictional delineation, threatened and endangered species surveys, tree assessments, and coordination with the local, state, and federal regulatory agencies to obtain necessary environmental permits, including development of mitigation plans. Birkitt has ISA certified arborists on staff to conduct tree surveys and complete tree permit applications. Additionally, Birkitt has an FWC Authorized Gopher Tortoise Agent on staff to assist in gopher tortoise surveys and relocations.

Key Wetlands Services Include:

Regulatory and Permitting

- Local (Environmental Protection Commission of Hillsborough County, Tampa Port Authority)
- State (Water Management Districts, Florida Department of Environmental Protection)
- Federal (US Army Corps Engineers, US Coast Guard)

Ecological Services

- Jurisdictional Wetland Delineation and Assessments
- State and Federal Protected Species Assessments
- Natural Features Inventory
- Tree Assessments
- Cultural Resources Research

Transportation Experience

- PD&E Studies
- Linear Roadway Expansion Projects
- Intersection Improvement Projects
- Bridge Construction/Replacement Projects

Other Transportation Related Projects

- Sidewalk Design Projects
- Boardwalk Projects
- Pedestrian Bridge and Trail Projects



people and nature

Crenshaw Lake Road and Whitaker Road Intersection Improvement

Environmental services to support our engineering team in conducting land use, natural features, and archeological research to prepare an environmental report for the alternatives chosen to improve the intersection at Crenshaw Lake Road and Whitaker Road in Hillsborough County. Birkitt is working with Hillsborough County and SWFWMD to reach 30% design of the intersection improvement.

Hillsborough Avenue and Webb Road PD&E

Birkitt is currently conducting land use, natural features, and archaeological research for a PD&E project at the intersection of Webb Road and Hillsborough Avenue in Hillsborough County. Birkitt is preparing an environmental report detailing the results of the environmental surveys and potential impacts from the proposed intersection improvements. Additionally, Birkitt's certified arborist has conducted a tree survey at the intersection. Close coordination with Hillsborough County and SWFWMD will occur as part of this project.

Hillsborough Avenue and Sawyer Road PD&E

Birkitt is working with the engineering team to provide environmental services for a PD&E project at the intersection of Sawyer Road and Hillsborough Avenue in Hillsborough County. Birkitt is conducting wetland assessments, threatened and endangered species surveys, tree assessment, and cultural resources research for preparation of an environmental report. Coordination with local, federal, and state agencies will also occur as part of this project.

Fairway Boulevard Bridge Replacement over Flamingo Canal

A wetland jurisdictional delineation survey and mitigation assessment was conducted for the project area located over the Flamingo Canal Bridge. Birkitt prepared permit applications, technical data and supporting documentation for all environmental permits for impacts to wetlands. Coordination with USCG, EPC, SWFWMD, and USACE was conducted to obtain the necessary environmental permits. Birkitt also assisted in the preparation of stormwater and NPDES permits.

Turkey Creek Road and Sydney Road Intersection

Birkitt is currently working with the engineering team to provide environmental surveys, permitting, and mitigation assistance for an intersection improvement project at the intersection of Turkey Creek Road and Sydney Road in Hillsborough County. Birkitt is field verifying land use data, cultural features, hydrologic data, and natural features for the proposed project. Wetland assessments, threatened and endangered species surveys, and a tree assessment will be conducted. Additionally, Birkitt is developing a mitigation plan for impacted wetlands. Birkitt will assist IBI Group with the preparation and submittal of ERP, Section 404/10, and EPC permit applications.