

Land Conservation Board

Applicant Package - Natural Resource Professional

Land Conservation Board - Natural Resource Professional

Term: 12 Dec 2023 - 30 Sep 2027

Positions Available: 2

Number of applicants in this package: 1

- Cook, Jacqueline Lee

Name: Cook, Jacqueline Lee

Address: 2508 SE 30TH PL, Gainesville, Florida, 32641

Email: LCALLIOTT14@GMAIL.COM

Board Name: Land Conservation Board

Primary Phone:

813-765-6209

Please list any civic and professional accomplishments/honors, training or experience related to this appointment::

- Society of Wetland Scientists Certified as a Professional Wetland Scientist (PWS 0001107), 1997, renewed 2023
- Florida Association of Environmental Soil Scientists, Affiliate Member
- Florida Native Plant Society-Paynes Prairie Chapter

Please list any current/previous Advisory Board appointments:

none

What Contributions do you feel you could make if you were selected to this board?:

I have had the privilege through my 25 years of working in the natural resources field in Florida to explore nearly every corner of the state. While relatively new to Alachua County, I deeply appreciate all its natural wonders from the springs to high pine / oak scrub. I know a lot of these natural resources have been preserved for future generations by considering the recommendations of this board. I would like to contribute my time and experience to the board to further natural resource protection and management in Alachua County.

Please Agree with the following statements:

I understand this application is the property of Alachua County and subject to public records laws. I hereby certify that the statements made on this application are true and correct. I understand that Appointees to advisory board/committees are required to attend scheduled meetings as specified in the "Guidelines for Citizen Advisory Boards and Committees". I understand that some boards and committees require Financial Disclosure (Chapter 112, Florida Statutes) and I am willing to file if required. I affirm that my personal and business (if applicable) affairs within Alachua County are in substantial compliance with all county regulatory and taxing authorities rules and regulations?:

Yes

Are you currently serving, or have you ever served, on an Alachua County advisory board? :

No

Time of Submission: 11/18/23 9:08:42 AM

Attachments:

- Lee Cook Resume 2023.pdf



J. Lee Cook, PWS Senior Ecologist

Education:

MS, Biology, Tennessee
Technological University, 1992
BS, Biology, Virginia Tech, 1990

Years of Experience: 26

Certifications and Training:

- Society of Wetland Scientists Certified as a Professional Wetland Scientist (PWS 0001107), 1997, renewed 2023
- Florida Association of Environmental Soil Scientists, Affiliate Member
- Florida Native Plant Society

Ms. Jacqueline Lee Cook is a Senior Ecologist for Quest Ecology Inc. and has over 26 years of experience in ecosystem analysis, environmental permitting, wetland delineation, and wildlife studies. She specializes in environmental permitting and natural resource management. She works with individuals, private development companies, utilities and municipalities to navigate complex local, state and federal regulations and environmental permitting requirements associated with wetlands and listed species. She has years of field experience performing wetland jurisdictional determinations, hydric soil identifications, ecosystem analyses, wetland mitigation design, mitigation banking and wildlife studies.

Prior to her employment at Quest Ecology, Ms. Cook worked as a Wetlands Biologist in the Regulatory Program of the U.S. Army Corps of Engineers for nine years. Her main duties consisted of conducting jurisdictional determinations over Waters of the U.S. as part of the regulatory review process of Department of the Army (DA) permit applications. Ms. Cook reviewed permit applications for large development projects and mining operations, including mitigation design, and enforcement actions. Ms. Cook was also instrumental in developing the field review portion of the Corps of Engineers Wetlands Jurisdictional Certification Program. She frequently provided wetland delineation training to State and Federal employees and members of the private sector.

Project Experience:

Wetland Evaluations – Permitting, Compliance, and Mitigation

Starship and Pirate Water Taxi, Hillsborough County - Conducted agency site reviews and provided information for federal agency consultation regarding the Florida manatee in support of environmental permitting requirements for the US Army Corps of Engineers (USACE), the Environmental Protection Commission of Hillsborough County (EPCHC) and Port Tampa Bay (PTB) for several water taxi mooring facilities. Obtained all agency permits including Letters of Permission from the USACE, Exemption Verification Letters from the EPCHC, and Minor Work Permits from PTB.

Alafia River Pipeline Crossing, Hillsborough County - Conducted an initial field review of a proposed aerial pipeline over Sovereign Submerged Lands owned by the Tampa Port Authority. Attended a pre-application meeting with Port Tampa Bay, the Florida Department of Environmental Protection (FDEP), and the USACE in support of the pipeline crossing.

City of Miami Beach, Emergency Force Main, Miami-Dade County - Prepared, assembled and submitted FDEP and USACE permit applications on behalf for the City of Miami Beach for an emergency force main installation via directional bore under portions of Biscayne Bay.

JAK Rentals, SWFWMD Enforcement Action Resolution, Polk County – Assisted private property owners with resolution of wetland violations with on-site agency inspections and assistance with consent order corrective actions.

North Tampa Mitigation Bank, MBR Ventures, Hillsborough County - Conducted initial field evaluations to determine site suitability and performed the wetland jurisdictional determinations. Prepared the majority of the permit documents including the Prospectus, the Public Notice and the Final Mitigation Banking Instrument. Coordinated with agencies and oversaw tasks related to performance standards to facilitate credit releases. Prepares annual monitoring reports.

Turpentine Wetland Mitigation Bank, Hernando County - Conducted initial field evaluations to determine site suitability and performed the wetland jurisdictional determinations. Conducted agency site reviews and prepared the Prospectus and on-going ERP documents.

Boarshead Wetland Mitigation Bank, Pasco County – Prepares credit release requests and conducts agency site reviews to facilitate credit releases.

Turkey Creek Mitigation Bank, Hillsborough County - Conducted initial field evaluations to determine site suitability and performed the wetland jurisdictional determinations. Conducted agency site reviews and prepared the Prospectus document.

Pier 1455 Repairs-Naval Station Mayport, Duval County - Conducted wetland jurisdictional determinations, attended agency pre-application meetings, and prepared applications in support of obtaining state and federal environmental permits associated with repairs to the pier and trestle and mooring and fender system repairs.

P-021 Lighterage Wharf and Lift Launch Pier MCSF Blount Island Command, Duval County - Conducted wetland jurisdictional determinations, attended agency pre-application meetings, and prepared applications in support of obtaining state and federal environmental permits associated with construction of berthing, launch, and recovery facilities to support the Marine Corps Support Facility (MCSF) Blount Island Command.

Magnetic Silencing Facility (MSF) Naval Submarine Base Kings Bay, Camden County, GA - Conducted wetland jurisdictional determinations and agency site reviews, attended agency pre-application meetings, and prepared applications in support of obtaining local, state and federal environmental permits associated with repairs to the existing Magnetic Silencing Facility.

P-617 Transit Protection Program Facility Naval Submarine Base Kings Bay, Camden County, GA - Conducted wetland jurisdictional determinations and agency site reviews, attended agency pre-application meetings, and prepared applications in support of obtaining local, state and federal environmental permits associated with construction of a General Purpose Berthing Pier, Small Craft Berthing Pier, Access Trestle and Breakwater.

Natural Resources Defense Council and Big Cypress National Preserve, Collier County- Provided technical support and attended resource agency meetings in opposition to oil exploration and drilling operations in Big Cypress National Preserve.

Manatee County Public Works Southeast Water Reclamation Facility (SEWRF) Lake Expansion Project, Manatee County - Lead wetland ecologist responsible for all field surveys, the environmental assessment

and state and federal environmental permitting associated with installing a 42-inch steel utility pipe via jack and bore under Cypress Strand Creek and expansion of the existing reclaimed water storage lakes.

Caladesi Construction- U-Haul Expansion Facility, Hillsborough County - Conducted wetland jurisdictional determinations and EPCHC site reviews in support of obtaining local and state environmental permits associated with expanding an existing U-Haul facility.

Caliber Collison, Orange County - Lead wetland ecologist responsible for all field surveys, the environmental assessment and obtaining environmental permits for 0.32 acres of wetland impacts from Orange County, the St. Johns River Water Management District (SJRWMD) and the USACE for the construction of a commercial building.

Tippen Bay Mitigation Bank, DeSoto County - Conducted initial field evaluations to determine site suitability and performed the wetland jurisdictional determinations. Calculated potential credit yields utilizing UMAM. Participated in pre-application meetings with the SWFWMD and the USACE. Submitted state and federal permit applications. Received state permit.

Forcemain 1M, Manatee County - Lead wetland ecologist responsible for all field surveys, environmental permitting assistance and the Environmental Report associated with replacing a 24-inch diameter force main.

Holloway Road Drainage Improvements, Hillsborough County - Conducted field review of potential wetland and/or other surface water impacts associated with proposed County improvements to a roadside ditch system. Met on-site with SWFWMD staff and provided the County with follow up permitting guidance from local and federal regulators.

Martin Luther King Blvd. and Williams Road, Hillsborough County - Assisted in obtaining regulatory approval to impact 0.631 acres of wetlands for this intersection improvement. Performed field evaluations, set seasonal high-water table (SHWT) elevations, and performed jurisdictional determinations. Participated in pre-application meetings with the SWFWMD, Hillsborough County Environmental Protection Commission (HCEPC), the USACE and FDOT. Assisted with choosing appropriate mitigation options to satisfy the local, state and federal regulatory requirements. Utilized the 2008 Wood Stork Key for Central and North Peninsular Florida to identify potential project effects on wood storks (*Mycteria americana*).

Old Combee Road Parcel, Polk County - Conducted a field review to determine the presence of sensitive habitat areas, including wetlands and/or other surface waters on an eight-acre parcel.

Madison Avenue, Hillsborough County - Conducted a field review of potential wetland and/or other surface water impacts associated with proposed improvements to Madison Ave. Provided the County with follow up permitting guidance, mitigation options and assistance with Suitable Foraging Habitat determinations for wood storks.

Linebaugh Avenue Widening, Hillsborough County – Assisted the County in obtaining regulatory approval to impact 2.4 acres of wetlands to complete the final six-lane build-out of 1.5 miles of Linebaugh Avenue from Countryway Boulevard to Racetrack Road. Researched past permit requirements, aided with federal permit compliance, updated the jurisdictional determination including an on-site meeting with the SWFWMD, and coordinated and attended pre-application meetings with the SWFWMD, HCEPC and the USACE.

Manatee County Sidewalk Improvement Projects, Manatee County Public Works – Conducted wetland jurisdictional determinations, impact assessments and permitting assistance on five sidewalk installation projects within existing Manatee County road rights-of-way.

Wetland 3B, Mosaic Fertilizer, LLC, Hillsborough County - Delineated and conducted qualitative assessment of areas suitable to support wetland tree species in support of permit modifications.

Homosassa Mitigation Bank, MBR Ventures, Citrus County - Conducted initial field evaluations to determine site suitability and performed the jurisdictional determinations. Participated in multiple on-site field visits with the SWFWMD. Assisted client with resolution of federal and state wetland violations including creation of a wetland restoration plan for unauthorized activities and preparation of permit application documents including the Bank Prospectus.

Wilderness R.V. Park, Marion County – Conducted field assessments to determine damage to wetlands in the Ocklawaha River floodplain from unpermitted stormwater discharges focusing on hydric soil evaluations, sediment deposits and drainage pattern assessments. Conducted multiple site visits with the St. Johns River Water Management District (SJRWMD) and assisted with wetland restoration planning.

Lake Gwyn Wetland Restoration Project, Polk County Natural Resources Department – Assisted Polk County and the Florida Fish and Wildlife Conservation Commission (FWC) with restoring a historically drained, former shallow lake to a high functioning herbaceous wetland to provide wildlife habitat and water quality treatment for the Wahneta Canal. Conducted initial field evaluations and participated in multiple on-site field visits with the SWFWMD and the FWC. Assisted with the preparation of permit application documents.

Woodland Ave. Drainage Project, Polk County Natural Resources Department - Assisted in obtaining regulatory approval to temporarily impact 1.87 acres of wetlands for a drainage improvement project generally located along Woodland Avenue. Performed field evaluations, set OHW elevations, and performed jurisdictional determinations. Participated in pre-application meetings and on-site meetings with the SWFWMD and assisted with state and federal permitting including designing appropriate mitigation and preparing permit documents.

Leesburg Airport Authority, Lake County - Conducted wetland jurisdictional determinations, listed species surveys, wetland impact assessments and UMAM analysis for new runway extension.

Proud Mary Marina, Citrus County- Conducted ecological assessments and delineated potential wetland impact areas for a proposed marina and housing expansion project. Evaluated the potential for and/or presence of endangered species. Prepared reports of state and federal permitting requirements pursuant to wetlands, other surface waters and listed species.

Rocky Creek Estates, Hillsborough County - Assisted client in obtaining local, state and federal regulatory approval to impact wetlands associated with bridge construction over Rocky Creek for a proposed development project. Set OHW elevations, participated in on-site meetings with the SWFWMD, assisted with mitigation design, and preparing application documents. Performed Grand Tree survey to satisfy local tree ordinances.

Citrus Park Hotel, Hillsborough County- Assisted client in obtaining local, state and federal regulatory approval to impact wetlands associated with new hotel construction. Set OHW elevations, participated in on-site meetings with the SWFWMD and HCEPC assisted with mitigation design, and preparing application documents.

Duette and Headwaters Preserve Hydrologic Restoration Monitoring, Manatee County - Assisted in project development and performed qualitative monitoring on wetlands to determine the effects of wetland restoration via ditch blocking. Assisted in the research and creation of the final report detailing the monitoring program that employs several methods for evaluating the changes that have, or will, take place within restored wetlands.

Florida Power and Light, Various Florida Counties - Prepared, assembled and submitted FDEP and USACE, general permit applications on behalf for Florida Power and Light Company to upgrade existing electrical conduits by directional bore as part of routine utility maintenance. Performed pre and post construction compliance to ensure compliance with all specific, general, and regional permit conditions.

Florida Power and Light, Various Florida Counties – Prepared, assembled and submitted FDEP and USACE general permit applications on behalf of Florida Power and Light Company to install, replace and/or remove utility poles to harden existing overhead transmission line systems. Potential impacts to wetlands and/or gopher tortoises (*Gopherus polyphemus*) where applicable, and best management practices were addressed to ensure permit issuance and compliance with all specific, general and regional permit conditions. Various Florida Counties.

Florida Power and Light Permit Applications, Miami-Dade County – Prepared, assembled and submitted permit applications on behalf of Florida Power and Light Company to utilize South Florida Water Management (SFWMD) ROW for utility line maintenance.

Lakeland Center Park Drive, City of Lakeland, Polk County – Conducted wetland jurisdictional determinations, listed species surveys, wetland impact assessments and UMAM analysis for new roadway extension. Attended pre-application and field meetings with SFWMD staff to evaluate alternative alignments and identify mitigation options. Evaluated potential impacts to gopher tortoises and utilized the 2008 Wood Stork Key for Central and North Peninsular Florida to identify potential project effects on wood storks. Polk County. Obtained all state and federal permits.

Citrus Park Crossings, Hillsborough County – Assisted client in obtaining an Environmental Resource Permit from the HCEPC to impact 0.3 acres of wetlands associated with a proposed commercial development project. Performed the jurisdictional determination, set SHW elevations, participated in on-site meetings with the HCEPC, assisted with an innovative upland mitigation plan, and evaluated the potential for and/or presence of listed wildlife species, particularly gopher tortoises.

Fort Green Plant Site, Mosaic Fertilizer, LLC, Polk County - Performed jurisdictional determination on remnant phosphate plant site and pipe yard walk-path. Conducted extensive gopher tortoise survey over approximately 50 acres.

Spar (1) Wetland, Mosaic Fertilizer, LLC, Hillsborough County - Performed a wetland delineation and mapped planted tree communities within a created wetland in support of permit conditions.

Bell Parc RV Park, Polk County - Performed field evaluations, set SHWT elevations, and performed jurisdictional determinations on an extremely disturbed, previously mined parcel slated for development. Participated in pre-application meetings with the SFWMD.

Community Center Transportation Improvements, City of Largo, Pinellas County - Performed ecological assessment and delineated wetlands and other surface waters associated with the construction of an internal roadway and intersection improvements. Attended pre-application meeting with the SFWMD.

G and D Farms, Mosaic Fertilizer, LLC, Manatee County – Performed jurisdictional determination and conducted ecological assessment including UMAM analysis on wetlands and other surface waters located on agricultural land slated for phosphate mining.

Norma Lloyd Park, Manatee County Parks and Recreation - Performed ecological assessment and delineated wetlands and other surface waters for proposed park expansion project. Participated in an on-site meeting with the SWFWMD to review jurisdictional determinations and discuss project specifics.

U.S. Homes Development Project, Pinellas County - Provided regulatory oversight, including a jurisdictional determination, prior to issuance of a federal permit authorizing wetland impacts, wetland creation, upland preservation, and a conservation easement on a 129-acre project site.

South Ft. Meade Mine, Cargill Fertilizer, Inc., Polk County – Performed field verification of the Federal wetland jurisdictional determination over approximately 10,000 acres of land slated for phosphate mining.

Pinellas County Department of Solid Waste, Pinellas County - Provided regulatory oversight, including field verification of the Federal wetland jurisdictional determination, listed species consultation and mitigation review, prior to issuance of a Federal permit authorizing wetland impacts for the build out of the Bridgeway Acres Landfill.

Bartlett Park Lake Improvements, SWFWMD, Pinellas County - Provided regulatory oversight prior to issuance of a Federal permit authorizing wetland impacts for the purpose of restoring a tidal marsh on a tributary to Tampa Bay and construction of two artificial reefs.

Quality Aggregates, Inc. Phase XI Mine, Manatee County - Provided regulatory oversight, including a jurisdictional determination and mitigation review, prior to issuance of a Federal permit authorizing wetland impacts for the purpose of mining sand.

St. Petersburg Junior College and the SWFWMD, Pinellas County - Provided regulatory oversight, including a jurisdictional determination, prior to issuance of a Federal permit authorizing wetland impacts for the purpose of constructing a 12.9-acre Wetland Enhancement and Storm water Retrofit (WESR) project located on the 102-acre SPJC Seminole Campus.

IMC-Agrico Mine Wide Regional Jurisdictional Determination, Polk, Manatee, Hillsborough and Hardee Counties - Field verified over the course of a year the Federal jurisdictional determination over approximately 55,000 acres of land slated for phosphate mining.

U.S. Homes Development Project, Heritage Harbour, Manatee County - Provided regulatory oversight, including a jurisdictional determination, prior to issuance of a Federal permit authorizing wetland impacts, wetland creation, upland preservation and a conservation easement on portions of a 2,000-acre project site.

Ecological Evaluations – Wildlife Studies

Davenport Listed Species Survey, Polk County – Conducted listed species surveys for gopher tortoises, sand skinks and blue-tailed mole skinks on a proposed development site.

Headwaters Preserve Anuran Auditory Survey, Manatee County - Designed and implemented anuran auditory surveys as part of pre and post phosphate mining monitoring of adjacent lands.

Eastern Indigo Snake Survey, Manatee County- Conducted 24 hours of pedestrian surveys on the Mosaic Wellfield site as part of an annual monitoring requirement from the US Fish and Wildlife Service.

Scrub Conservation Bank, Highlands County – Conducted Florida sand skink pedestrian surveys as part of an annual monitoring requirement to document compliance with the Long-Term Management plan for the Scrub Conservation Bank.

Florida Power and Light, Lee County - Conducted a wooden power pole cavity survey for the Florida bonneted bat using a wireless cavity inspection camera on a telescopic hot stick.

Bald Mountain Gopher Tortoise Survey, Mosaic Fertilizer, LLC, Polk County – Performed systematic survey of over 600 gopher tortoise burrows on an approximately 100-acre parcel.

Florida Mouse Trapping and Pit Tagging, Mosaic Fertilizer, LL, Polk County - Assisted in trapping and pit tagging Florida mice (*Podomys floridanus*) for monitoring purposes on reclaimed mine land.

Herpetofauna Relocation Study, Mosaic Fertilizer, LLC, Hillsborough County – Utilized drift fence and pitfall trap methodology for the purpose of collecting, identifying and relocating herpetofaunal species prior to phosphate mining activities.

Lincoln Recreation and Nature Park, Mount Dora, Lake County - Performed ecological assessment, delineated wetlands associated with Lake Franklin, and evaluated the potential for and/or presence of endangered species, particularly gopher tortoises throughout the project site.

Tampa Port Authority Maintenance Dredging Project, Hillsborough County - Provided regulatory oversight, including endangered species consultation, prior to issuance of a Federal permit authorizing the dredging of 500,000 cubic yards of materials over ten years from 85 berths in Port of Tampa, Port Sutton, and Big Bend in Hillsborough Bay.

River Point of Manatee Associates, Inc., Manatee County - Provided regulatory oversight, including endangered species consultation involving the Florida manatee (*Trichechus manatus latirostris*), prior to issuance of a Federal permit authorizing the construction of a boat ramp and associated docking facility.

Avon Park Bombing Range, Moody Air Force Base, Highlands County - Provided regulatory oversight, including endangered species consultation involving the Florida Scrub- jay (*Aphelocoma coerulescens*), and the red-cockaded woodpecker (*Picoides borealis*), prior to issuance of a Federal permit authorizing on-going operations and maintenance activities within the bombing and gunnery ranges at Avon Park Air Force Range.

Kennedy Space Center, Brevard County - Field verified the Federal jurisdictional determination and provided endangered species consultation involving the Florida Scrub- jay over select, secure parcels at the Cape Canaveral Air Force Station.

Murphy Oil Site- Six Mile Cypress Parkway, Lee County – Conducted initial field reviews to identify any on-site wetlands and evaluated the potential for and/or presence of protected plant or wildlife species, particularly gopher tortoises in preparation for site development.

Drew Park Stormwater Improvements, City of Tampa, Hillsborough County - Performed ecological assessments pertaining to proposed stormwater improvements in the Drew Park area. Conducted site visits to assess potential wetland impact areas and to establish SHWT elevations and ordinary high water (OHW) elevations. Attended an on-site meeting with the SWFWMD to discuss the project specifics, evaluated the potential for and/or presence of listed wildlife species, particularly gopher tortoises, and advised the City of the most recent permitting guidelines.

Jerry Smith Road Stormwater Improvements, Hillsborough County - Conducted site visits to perform ecological assessments, assess potential wetland impact areas, and establish (OHW) elevations in an unnamed creek system. Evaluated the potential for and/or presence of endangered species, particularly gopher tortoises within and adjacent to the road right of way. Prepared reports of all local, state and federal permitting requirements pursuant to wetlands, other surface waters and listed species, and attended a pre-application meeting with the SWFWMD to discuss the project specifics.

Transportation

SR A1A Resurfacing from S 8th St to N 18th St., FDOT District 5, Flagler County - Lead wetland ecologist responsible for all field surveys and the Permit Determination Memo.

SR A1A Resurfacing from Osprey Drive (MP 6.484) to North of Mariners Drive (MP 10.282), FDOT District 5, Flagler County - Lead wetland ecologist responsible for all field surveys and the Permit Determination Memo.

SR 51 Resurfacing from North of I-10 (SR 8) to the Hamilton County Line, FDOT District 2, Suwanee County- Lead wetland ecologist responsible for all field surveys and the Permit Determination Memo.

SR 51 Resurfacing (US 129) Ohio Ave. North from North of SR 10 (US 90) to South of I-10, FDOT District 2, Suwanee County- Lead wetland ecologist responsible for all field surveys and the Permit Determination Memo.

NE 23rd Avenue Bridge Replacement over the Ibis Waterway, FDOT District 4, Palm Beach County - Lead wetland ecologist responsible for obtaining environmental resource permits from the USACE, the SFWMD, and Broward County for 0.06 acres of surface waters for the construction of the Northern Layover Maintenance Facility.

South Florida Regional Transportation Authority (SFRTA), Palm Beach County - Lead wetland ecologist responsible for the environmental assessment and obtaining the USACE standard permit required for 0.69 acres of impacts to waters of the U.S. for the construction of the Northern Layover Maintenance Facility.

Edgewood Drive Trail, Electronic Review Comment (ERC) System, FDOT District 1, Polk County - Provide comments through the ERC on wetland permitting requirements and listed species.

Clearlake Road Widening, FDOT District 5, Brevard County - Assisted in obtaining regulatory approval to permanently impact 1.15 acres of wetlands for a road widening project. Participated in pre-application meetings and on-site meetings with the SJRWMD and assisted with state and federal permitting including researching mitigation options and preparing permit documents.

Starkey Gap Trail from Pasco Co/L to South of Terminus of Starkey Trail, FDOT District 7, Hillsborough County - Lead wetland ecologist responsible for all field surveys, environmental permitting, and Wetland Evaluation Report.

Henry Canal Anderson Road to Himes Avenue, FDOT District 7, Hillsborough County - Lead wetland ecologist responsible for all field surveys, environmental permitting assistance and Wetland Evaluation Report.

US 98/John Singletary Bridge Study from west of Edgewood Drive to east of the Fort Meade Recreation Area Entrance, FDOT District 1, Polk County – Lead wetland ecologist responsible for all field surveys, environmental permitting and Wetland Evaluation Report and Endangered Species Biological Assessment. Attend Public Workshops and Hearings.

CR 582/Knights Griffin Road from Itchepackesassa Creek to Bridge, FDOT District 7, Hillsborough County – Responsible for field surveys, wetland delineations, environmental permitting, and Wetland Evaluation Report for a bridge replacement requiring a lengthy detour.

Gandy Blvd/Tinney Creek Culvert Replacement, FDOT District 7, Pinellas County - Lead wetland ecologist responsible for state and federal permit compliance, field surveys, environmental permitting.

SR 50 PD&E Study Brooksville Bypass/SR50A/East Jefferson Street to I-75, FDOT District 7, Hernando County - Performed listed plant and animal surveys, met with FDOT staff on site, and assisted in the research and creation of the WEBAR.

Lake Alfred Pedestrian Trail, FDOT District 1, Polk County - Lead wetland ecologist responsible for all field surveys, environmental permitting assistance and Wetland Evaluation Report.

SR 694 Gandy Blvd Design-Build Project, FDOT District 7, Pinellas County - Assisted with state and federal permit compliance.

Port St. Lucie Blvd. from Becker Road to Darwin Road PD&E Study, FDOT District 4, St. Lucie County - Assisted in listed species project research.

60 PD&E Study from Valrico Rd. to the Polk County Line, FDOT District 7, Hillsborough County - Performed listed species surveys and assisted in the research and creation of the Wetland Evaluation and Biological Assessment Report (WEBAR).

US 41 Pedestrian Bridge over Myakkahatchee Creek, FDOT District 1, Sarasota County - Performed jurisdictional determinations conducted preliminary assessments of potential wetland impact areas and evaluated the potential for and/or presence of protected species.

FL DOT/118Th Ave. (CR 296) SPN-15030-1528, FDOT District 7, Pinellas County - Provided regulatory oversight, including a jurisdictional determination and mitigation review, prior to issuance of a Federal permit authorizing wetland impacts associated with the construction of a new six lane divided alignment of 118th Ave with connections to I-275.

I-75 (SR 93A) PD&E Study from Moccasin Wallow Road to US 301, FDOT District 7, Hillsborough County - Performed updated jurisdictional determination along the corridor.

Florida Turnpike Resurface from MP 287-297, FPID 437988-1, Lake County - Performed jurisdictional determinations, conducted preliminary assessments of potential wetland impact areas, and evaluated the potential for and/or presence of protected species. Determined environmental permitting requirements.

Tree Surveys

Fort Green Tree Survey, Mosaic Fertilizer, LLC., Hardee County - Mapped and provided densities per acre of different planted tree communities within a clay settling area in support of permit conditions.