

JESSICA WESTHAFFER, E.I. Engineer Intern



Education/Training

B.S. Civil Engineering
(2019),
Florida Gulf Coast
University

Licensing & Registration

Engineering Intern

Jessica joined Johnson Engineering in 2019. She serves as an engineer intern in the transportation group. With her primary focus on roadway design, traffic impact analysis, quantity analysis and cost estimations, Jessica understands what must be done to successfully plan for and design roadway projects to serve both the clients and public's needs.

Relevant Design Experience

- ↪ Burnt Store Road, Lee County - Team member for the design of approximately two miles of new construction roadway, associated drainage, lighting, intersection signalization, and quantity analysis.
- ↪ Sunseeker Resort, Charlotte County - Team member for the design of approximately one-half mile of new roadway and sidewalks and analyzed traffic data for the preparation of a traffic impact study.
- ↪ Rural Bus Stop Improvements, Collier County – Team member for the design of 34 bus stops, including sidewalk design, associated drainage, signing, pavement markings, quantity analysis, and cost estimation.
- ↪ 2019 County Wide Non-Motorized Pathway Constructability Study, Collier County - Team member in analyzing specific locations for the construction of pedestrian facilities and/or bicycle lanes for Collier County Transportation Department, including preliminary design of sidewalks, bicycle lanes, and cost estimation.
- ↪ S.R. 31 (Babcock), Lee/Charlotte County - Team member for the preliminary design of approximately six miles of a new six-lane roadway including concept exhibits for roadway typical sections, environmental/wetland impacts, pond areas, and FPL Owl Creek Substation location.
- ↪ Rickenbacker Causeway, Miami-Dade County - Team member for the design of approximately two miles of bicycle lanes, signing, pavement markings, quantity analysis, and cost estimation.
- ↪ Verandah (Heritage Preserve & Edgewater Trace), Lee County - Analyzed traffic data for the preparation of a traffic impact study for Heritage Preserve and Edgewater Trace and compiled data for a master traffic impact study for Verandah.
- ↪ Old C.R. 78, Hendry County - Team member for the design of approximately one-half mile of new construction sidewalk, quantity analysis, and cost estimation.
- ↪ W.C. Owen Avenue, Hendry County - Team member for the design of approximately one mile of roadway improvements, intersection signalization, and signing.
- ↪ The Enclave at Shell Point, Lee County - Analyzed traffic data for the preparation of a traffic impact study.
- ↪ Crayton Road and Harbour Drive, Collier County - Team member for the roadway improvements at the intersection including roundabout and sidewalk design, lighting, and quantity analysis.
- ↪ Helms Road, Hendry County - Team member for the design of intersection signalization and quantity analysis.
- ↪ Alico Road, Lee County - Collected and analyzed traffic data for the preparation of a traffic impact study and analyzed traffic crash data for the roadway.
- ↪ Maddox Lane, Lee County - Team member for the design of approximately one-quarter mile of new construction sidewalk, roadway improvements, associated drainage, signing, pavement markings, quantity analysis, and cost estimation.
- ↪ Camden Apartments, Lee County – Collected and analyzed traffic data for the preparation of a traffic impact study.
- ↪ Captiva Drive, Lee County - Team member for the design of new construction sidewalk, associated drainage, signing, pavement markings, and quantity analysis.
- ↪ MM Middle School, Lee County - Collected and analyzed traffic data for the preparation of a traffic impact study.
- ↪ C-21 Canal Bridge, Hendry County - Team member for the design of new construction roadway and associated drainage.
- ↪ The Ronald McDonald House, Lee County - Analyzed traffic data for the preparation of a traffic impact study.