Job Title Sr Engineer - $1,000 Sign-On Incentive-Engineering

Job ID 34381

Location Public Works Traffic Engineering

Overview

Performs advanced professional engineering work and provides supervision for one or more engineering functions of a specialized nature. This is advanced professional engineering work of a complex nature with extensive supervisory duties. Work is performed with considerable independence under the general supervision of the Chief Engineer.

Representative Duties

Perform engineering review and data analysis, develop engineering reports and associated documents (work orders, traffic regulations, signal operating plans, benefit/cost analysis, etc.). This includes field assessments, application of engineering principles and judgment to identify operational and safety deficiencies and the development of appropriate remedial action. Sign and seal engineering documents as required.

Develop and manage professional and contractual services contracts and other types of agreements that support Traffic and Roadway Engineering functions. This Includes development of documentation for contract funding, project scope and request for proposal (RFP) related documents, participation on technical review committees (TRC), evaluation of contract work products, consultant evaluation and invoice processing/ approval.

Develop and manage the timely responses to 311 Customer requests, Customer Calls, Home Owner Association (HOA) requests, District Commissioner's Office request made on behalf of Orange County Citizens.

Develop and track the Workorders implementation process, coordinate with Traffic Operations Group to address the citizen complaints and provide summary reports to update the District Commissioner Office with progress and implementation of Short-Term and Long-Term Countermeasures.

Participate in meetings with internal and external customers to represent Traffic Operations interests. Coordinate with Department Staff, affected external agencies and customers. Identify and coordinate resources necessary to implement remedial action. Provide useful commentary, review of work products, required correspondence and follow-up contact as needed.

Provide review comments on plan submittals studies and construction documents, generated by the Traffic Engineering, Engineering, Development Engineering, Transportation Planning and other entities. This includes developing technical comments directed to the design project manager or design engineer of record based on traffic engineering fundamentals, FDOT design standards, and engineering judgment. Includes accepting/rejecting the responses to those comments.

Design minor traffic and roadway safety improvement projects to include miscellaneous intersection improvements, MOT and signing and pavement markings.

Supervise staff engineers and/or technicians, including employee performance reviews, delegate and oversee work and training of staff engineers/technicians.

Participate in community meetings and public hearings which may include making presentations to the public and stakeholders, as well as responding to inquiries from citizens. (Meetings are typically held during the evenings.)

Perform other duties as assigned by the Traffic Engineering Division Manager and/or Traffic Admin Chief Engineer.

Minimum Qualifications

Graduation from an accredited college or university with a bachelor's degree in civil engineering and six years of civil engineering experience. In Lieu of the degree requirements, additional relevant experience may be substituted on a year for year basis.

Currently licensed in the United States as a professional engineer or must be able to transfer professional engineering license to the state of Florida within one (1) year of hire.

Preferences

Knowledge of traffic engineering principles and practices; Knowledge of management principles and practices; Knowledge of traffic operations analysis and study techniques; Knowledge of FDOT Design Standards; Knowledge of traffic signal timing and phasing as well as speed limit posting; Skill in effective oral communications; Skill in effective written communications; Skill in use of personal computers and ability to use Microsoft Office® (Word, Excel, PowerPoint, Access & Outlook); Skilled in interpreting and disseminating traffic engineering related data; Ability to collect, analyze, and interpret engineering data; Ability to manage workload to produce on time resolutions to problems; Ability to establish and maintain effective working relationships; Ability to effectively supervise others.

Application Deadline

Posting Date: 09/30/2026

Closing Date: 10/30/2026

May close without prior notice

Salary Information:

$ 45.57 to $59.24

Veterans Preference

If you are claiming Veterans' Preference, you are responsible for providing the required eligibility documentation by the close date of the posting. Please submit a cover letter and copies of documents, not originals, to Orange County Human Resources Division, PO Box 1393, Orlando, FL 32801-1393 or fax to (407) 836-0098 (only Veterans' Preference documentation will be accepted by fax). Your cover letter should include the position posting number you are applying for, the title of the position and the last 4 digits of your social security number.

Educational Requirements

If your education was obtained in the United States, the County recognizes degrees or diplomas which are accredited by an agency recognized by the United States Department of Education (USDE) or the Council for Higher Education Accreditation (CHEA). If you have obtained education from a country other than the United States, your degree or diploma must be evaluated to determine the United States equivalency by a member of the National Association of Credential Evaluation Service (NACES) or the Association of International Credentials Evaluations (AICE) at your expense.