

## **Job Description**

### **Job Details**

Job Title: Traffic Engineering Technician Job ID: 30842

Location: Traffic Engineering Full/Part Time

Regular/Temporary

### **Overview**

Performs a variety of routine skilled assignments, including technical surveying, inspection and drafting duties in the transportation field.

### **Distinguishing Characteristics of Work:**

This is skilled, technical work in transportation/traffic engineering, performed in the field, and office.

An employee in a position allocated to this class is responsible for performing technical duties involving the application of moderately advanced engineering skills and techniques; varied and moderately difficult technical work in gathering, combining and analyzing traffic and roadway data; skilled work in a transportation engineering program, or technical drafting work in the preparation of plans, maps and other illustrative materials in topographic, aerial, civil engineering, traffic and transportation or related fields.

Assignments are performed under the general supervision of an assigned supervisor who reviews work while in progress and upon completion for achievement of desired results.

### **Representative Duties**

- Operates surveying equipment to establish center lines and take cross sections, grades, and obtain other roadway geometric.
- Performs transportation studies and traffic surveys in the field and office to obtain data for analysis.
- Conducts technical surveys, such as, turning movement, multi-stop, delay, speed zone studies, and volume counts.
- Travels County roads with an odometer-equipped vehicle, checking and plotting the exact location of all roads, cultural points, and basic topographical features for the purpose of updating County maps.
- Assists in video logging the County's roadway system as directed.
- Prepares traffic signal, signage and pavement marking layouts.
- Reduces survey notes and plots and checks cross sections, centerlines and grades, computes excavation and fill, percentage of grade and evaluations, transfers proposed grades to cross section sheets and plots proposed templates.
- Prepares or assists in preparation of sketches and finished drawings and construction specifications for the construction of proposed new traffic improvements and roadway systems such as channelization layouts, signal designs, pavement markings, and signing plans.

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- Assists in maintaining traffic related records and inventories such as: no parking zones, speed zones, traffic counts, turning movement counts, accident records, traffic signal, pavement markings, signage, school crossing layout plans.
- Perform equipment maintenance including cleaning and making minor repairs.
- Ability to drive vehicles and ensure those vehicles are maintained, fueled, and clean.
- Prepare work orders of proposed control devices, such as signs, pavement markings, etc. using drafting instruments or computer automated drafting equipment.
- Operate, gather, and compile data from hand count sheets, machine count tapes, electrical timing devices, and radar speed equipment.
- Perform simple transportation analysis calculations.
- Place and secure automatic counters and retrieve after counting periods end or assist same depending on level.
- Enter compiled data in computer for manual or automated analysis.
- Move and setup speed trailers throughout the County as directed.
- Report as required for pre, during, and post emergency response.
- Performs other related work as required.

### **Minimum Qualifications**

Graduation from a high school or equivalent and one year of related engineering experience. Thirty semester hours of college-level training may be substituted for the required experience, providing such training included twelve semester hours of engineering related course work.

Must possess and maintain a Florida Driver's License. Must have basic computer operating knowledge.

Must be available to conduct traffic studies and surveys after normal office hours.

Will be required to work overtime as work schedules dictate.

Must possess physical stamina to work outdoors under adverse weather conditions.

### **Application Deadline**

Opening date: 1/3/2023

Closing date: 2/3/2023

### **Salary**

\$18.75 to \$21.97 based on qualifications.

### **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.

[https://mycareers.ocfl.net/psc/ps/EMPLOYEE/HRMS/c/HRS\\_HRAM.HRS\\_APP\\_SCHJOB.GBL?Page=HRS\\_APP\\_SCHJOB&Action=U&FOCUS=Applicant&SiteId=1](https://mycareers.ocfl.net/psc/ps/EMPLOYEE/HRMS/c/HRS_HRAM.HRS_APP_SCHJOB.GBL?Page=HRS_APP_SCHJOB&Action=U&FOCUS=Applicant&SiteId=1)