

TRAFFIC ENGINEER – Boca Raton, Florida – Requisition 176331

AECOM is actively seeking an experienced, creative, highly talented Traffic Engineer for immediate employment in the Boca Raton, FL office.

The responsibilities of this position include, but are not limited to:

- Responsible for conducting signal retiming studies, evaluation of signal systems, adaptive signal system feasibility studies, traffic engineering/safety studies, and preparing engineering reports to document the findings and recommendations of traffic engineering/safety studies and signal retiming studies
- Evaluating signal timing/phasing and signal systems
- Analyzing crash data to identify crash patterns and probable causes
- Conducting field reviews to identify safety and operational issues
- Developing improvements to enhance safety and traffic flow
- Preparing conceptual improvement drawings
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*Minimum Requirements

- Bachelor's Degree in Civil Engineering with emphasis in in Transportation Engineering
- 5+ years of experience in traffic engineering studies, safety studies, traffic operational studies, signal timing/systems
- Professional Engineer License
- Experience in development and implementation of signal timing plans for isolated and coordinated signal systems
- Hands on experience with at least one of the traffic operational analysis softwares such as SYNCHRO, HCS, CORSIM and VISSIM
- Knowledge of FDOT's policies/procedures related to traffic engineering and familiarity with associated reference manuals such as MUTS Manual, Traffic Engineering Manual, Signal Timing Manual, Highway Capacity Manual, MUTCD, and Highway Safety Manual, etc.
- Excellent verbal and written communication skills
- Must possess a valid driver's license

*Preferred Qualifications

- Master's Degree in Civil Engineering with emphasis in Transportation Engineering
- IMSA Traffic Signal Level II or higher
- Work experience in Florida is preferred
- Familiarity with FDOT traffic engineering and roadway design guidelines and standards