
Senior Traffic Engineer

Ft. Lauderdale

To apply: [Senior Traffic Engineer](#)

AECOM is seeking a talented Traffic Engineer for the Boca Raton, Florida office. This is an exceptional opportunity to be part of FDOT projects for future and real times traffic operational programs. The right candidate will have the desire to work closely with AECOM clients and provide traffic solutions, both current and long term traffic and signaling engineering planning.

Primarily responsible for conducting signal retiming studies, evaluation of signal systems, traffic engineering/safety studies, and preparing engineering reports to document the findings and recommendations of traffic engineering/safety studies and signal retiming studies; Qualified candidate will be able to demonstrate prior experience in the development and implementation of signal timing plans and hands-on experience with at least one of the traffic operational analysis software such as SYNCHRO, HCS, CORSIM, and VISSIM. Ancillary duties of this job position include analyzing crash data to identify crash patterns, probable causes, and development of potential safety and operational improvements; conducting field reviews to identify safety and operational issues; developing improvements to enhance safety and traffic flow; preparing conceptual improvement drawings; evaluating signal timing/phasing and signal systems;

Minimum Requirements:

- BS in Civil Engineering (with an emphasis in Transportation Engineering)
- Professional Engineer License
- 5 to 8 years of experience in traffic engineering studies, safety studies, traffic operational studies, signal timing, signal systems; At least 2 years of experience in development and implementation of signal timing plans for isolated and coordinated signal systems.
- 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, Florida Design Manual, and Highway Safety Manual, etc.
- Excellent verbal and written communication skills

Preferred Qualifications:

- MS in Civil Engineering (with an emphasis in Transportation Engineering)
- Professional Engineer License, Florida
- IMSA Traffic Signal Level II or higher
- Work experience for FDOT projects preferred
- 5 to 8 years of experience traffic engineering studies, safety studies, traffic operational studies, signal timing, and signal systems;
- Familiarity with FDOT traffic engineering and roadway design guidelines and standards, such as MUTS Manual, Traffic Engineering Manual, Signal Timing Manual, Highway Capacity Manual, MUTCD, Florida Design Manual, and Highway Safety Manual, etc.
- Hands on experience in traffic operational analysis such as HCS, SYNCHRO, CORSIM and VISSIM

What We Offer

When you join AECOM, you become part of a company that is [pioneering the future](#) . Our teams around the world are involved in some of the most cutting-edge and innovative projects and programs of our time, addressing the big challenges of today and shaping the built environment for generations to come. We ensure a workplace that encourages growth, flexibility and creativity, as well as a company culture that champions [inclusion, diversity](#) and overall [employee well-being](#) through programs supported by company leadership. Our [core values](#) define who we are, how we act and what we aspire to, which comes down to not only [delivering a better world](#) , but working to “make amazing happen” in each neighborhood, community and city we touch.

