

# JOIN OUR TEAM

## TRANSPORTATION ENGINEER

**Job Classification:** City Services – Planner II  
**Reports To:** City Services Manager  
**Salary Ranges:** \$64,184.45 - \$102,083.30

**Location:** Fort Lauderdale, Florida  
**FSLA Status:** Exempt

### THE POSITION

The Broward Metropolitan Planning Organization (MPO) has an exciting opportunity for a talented professional to join our team as a Transportation Engineer. The MPO is looking for professional skills and abilities to complement our existing staff to ensure organizational needs are met. The core responsibilities include multimodal transportation engineering, city transportation, Complete Streets, resiliency adaptation and mitigation, and project management. The Professional Engineer may work in close coordination with municipalities, Florida Department of Transportation (FDOT), and others to plan, prioritize, fund, and administer transportation projects that are technically sound and supported locally, at both elected and public levels. This position supports other MPO team members, prepares reports, delivers presentations, and manages complex transportation planning projects and programs in a fast-paced and evolving environment. The position requires project management skills for in-house staff and consultants.

### THE CANDIDATE

We are looking for an outstanding candidate with an interest and experience in the professional areas noted above. The ideal candidate is an experienced professional with a varied background in transportation planning and traffic engineering with technical knowledge and experience in preparing geometric design plans using AutoCAD or other acceptable standard drawing formats, conducting speed / volume count analysis, crash diagrams, traffic operations analysis (Synchro, Simtraffic, CORSIM, VISSIM), AutoTurn analysis, developing costs estimates, experience working at the local, regional, state, or federal levels along with strong communication skills, and experience coordinating with community interests, utility entities and other governmental agencies. The successful candidate will have broad experience and understanding of the full range of requirements to deliver a complete project from planning, prioritization, funding, design and ultimately construction. This person has a desire to grow their career with a progressive goal-oriented organization focused on expanding multimodal transportation options for the public. The successful candidate will have strong collaborative and problem-solving skills and enjoy working with multiple partners to build consensus, communicate and identify technically feasible solutions that are acceptable to the public and elected officials. This person should enjoy working in a fast-paced environment, often as part of a team. Candidates should have strong written and verbal communication skills, and a considerable amount of experience conveying technical information to the public and elected officials. The successful candidate will hold a bachelor's degree in engineering plus four (4) years of progressive responsible experience in engineering, project management, or related work. Candidates with an equivalent combination of relevant training and experience that provides the requisite knowledge, skills, and abilities for this job should apply. FDOT experience is desired, including knowledge of Local Agency Program (LAP). Candidates must be licensed as a Professional Engineer in Florida.

**To apply, please visit:** <https://www.browardmpo.org/employment-opportunities>



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## ABOUT BROWARD MPO

The MPO provides essential multimodal transportation planning services to over 30 municipalities and Broward County, while also working with partners in Miami-Dade and Palm Beach counties to plan for the Southeast Florida region. The thriving region is home to almost six million residents, with almost two million in Broward County alone, and another two million anticipated to call Southeast Florida home in the next 20 years.

The Broward MPO is nationally recognized for its innovation in transportation planning. Our office is in beautiful Fort Lauderdale, Florida, close to world famous attractions and recreational activities, and is served by bus and rail transit as well as highway and bike/pedestrian facilities.

The MPO embraces diversity and is a place where employees are appreciated, respected, and cultivated with excellent opportunities for professional growth and development. We foster a collaborative environment, encourage innovation, and believe in developing staff through hands-on, in-house development of most work. Our family atmosphere is balanced with a highly motivated team of professionals who support the success of the agency and the individual, making it an ideal place to work.

## POSITION TYPE/EXPECTED HOURS OF WORK

- This is a full-time position.
- The official hours of business are Monday through Friday, 8:00 a.m. to 5:00 p.m., but the MPO offers employees a variety of flexible schedule (i.e., flexible arrival and departure times) options within the limits set by the supervisor.

## COMPETENCIES

- State and federal transportation funding programs
- Development and application of spreadsheets
- Organizational
- Interpersonal
- Coordination
- Scheduling
- Transportation planning
- Decision making
- Discretion
- Engineering Judgment
- Technical Design and Construction Expertise
- Independence
- Verbal and written communication proficiency
- Personal effectiveness/credibility

## EDUCATION & EXPERIENCE

- A bachelor's degree in Transportation, Planning, Engineering plus four (4) years of relevant professional experience. A master's degree may be substituted for one (1) year of professional experience; or
- Any equivalent combination of relevant training and experience that provides the requisite knowledge, skills, and abilities for this job may serve as a substitute at the discretion of the MPO.
- Professional Engineering license is desired.

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## DUTIES AND RESPONSIBILITIES

- Plan, schedule, and coordinate with State, County and Local agencies on implementing multimodal facilities within the roadway transportation work.
- Plan, schedule, coordinate, implement, and maintain CSMP program, which includes ensuring all CSMP projects are Program Ready and eligible for funding.
- Assist in planning, scheduling, coordinating, implementing, and maintaining planning programs or systems, which may involve work in Congestion Management Process, Complete Streets, Mobility Hubs, Safe Routes to Schools and other grant program projects.
- Work collaboratively with FDOT and other local governments to ensure projects identified in the Broward MPO's various efforts are implemented as intended.
- Develop project scopes and task work orders, participate in consultant selection, contract negotiation, contract compliance, concept development, project implementation.
- Develop multimodal conceptual geometric design drawings (plan and cross section views).
- Perform multimodal needs assessments and develop recommendations and countermeasures.
- Provide technical expertise for resilience projects.
- Provide technical assistance for the traffic count, bicycle, and pedestrian count programs.
- Coordinate with city, county, and state agencies, collect, organize, update and maintain applicable transportation data.
- Reviews of Multimodal Scoping forms, Florida Department of Transportation's Electronic Review Comment system, and Local Government transportation projects project review processes.
- Prepare MPO staff reports for presentation at the MPO Board, committee, and public meetings.
- Provide information and assistance to the public, and other governmental agencies.
- Manage and perform engineering work for planning, design and construction projects with general supervision.
- Advise and assist Broward MPO staff in application and determination of technical work such as roadway design, traffic analysis, plans quantity calculations, cost analysis, and interpretation of engineering policy.
- Participate in public meetings and field reviews.
- Serve as liaison and spokesperson on behalf of the Broward MPO with public, federal, state, and local agencies, elected officials and private parties as required.
- Perform all other related duties as required.

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## KNOWLEDGE, SKILLS, AND ABILITIES:

- Knowledge of general transportation planning principles and practices.
- Knowledge of sources of information, current literature, and recent developments in transportation and MPO planning.
- Skills/expertise in one or more functional transportation planning specialties.
- Knowledge and skill in the use of computer systems and software applications.
- Knowledge of office procedures, practices, systems, equipment, and software, including Microsoft Office Suite.
- Ability to communicate effectively both orally and in writing.
- Ability to establish and maintain effective working relationships with the public, co-workers, elected and appointed officials and members of diverse cultural and linguistic backgrounds regardless of race, religion, age, sex, disability, political affiliation, or sexual orientation.
- Ability to work with relative independence on routine activities, projects, and tasks under the direction of a supervisor.
- Ability to analyze/evaluate and interpret data and bring recommendations to Supervisor.
- Ability to recognize potential problems and identify innovative solutions.
- Ability to provide feasible context sensitive recommendations on various transportation projects.
- Ability to present and communicate with the public.
- Ability to produce construction cost estimates.
- Knowledge of national, state, and local design standards and regulatory procedures.
- Knowledge of Department Project Management policies and procedures.
- Knowledge of advanced engineering design concepts and principles.
- Knowledge of professional services and contractual procedures.
- Knowledge of the FDOT Plans Preparation Manual, Design Standards, Standard Specifications and Federal Highway Administration directives.
- Knowledge of FDOT production process for developing and delivering the Work Program.
- Knowledge of plan review techniques as they relate to roadway design.
- Skill in one or more aspects of engineering design related to transportation projects.
- Skill in managing multiple priorities and making timely decisions to keep projects within budget and meet federal, state, and local requirements.
- Skill in preparing and reviewing engineering reports.
- Ability to utilize engineering design skills to identify and resolve issues necessary to implement solutions to meet product quality and schedule.
- Ability to work in a team environment.

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## LICENSES AND/OR CERTIFICATES

- Possession of and ability to maintain a valid State of Florida Driver's License.
- Other qualifications as appropriate or ability to learn.

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## SUPERVISORY RESPONSIBILITY AND/OR REPORTING STATUS

- This is not a supervisory position.
- The position is under the direction of and responsible to the City Services Manager

## WORKING CONDITIONS

- This job operates in both a professional office environment, outdoor field conditions at job sites and telework.
- The noise level in the office work environment is usually quiet to moderate but the field environment can include high levels of noise where hearing and other protective devices may be required.
- The employee is exposed to outside weather conditions during travel.

## SECURITY CLEARANCE:

- None

## TRAVEL

- Occasional travel within the county and occasional other travel is expected for this position.

## PHYSICAL DEMANDS

- While performing the duties of this job, the employee is regularly required to talk, stand; walk, use hands and fingers to handle or feel; and reach with hands and arms.
- This is light work requiring the exertion of 20 pounds of force occasionally, and up to 10 pounds of force frequently.
- The work requires visual acuity and manual dexterity to operate computer equipment and for reviewing, checking, preparing and maintaining written and electronic documents.
- The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

## OTHER DUTIES

- The above information is intended to indicate the general nature and level of work performed by employees in this position. This description is not intended to contain or be interpreted as a comprehensive inventory of all duties and qualifications required of employees assigned to this position.
- Duties, responsibilities and activities may change at any time with or without prior notice.

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