



# Mercer County Job Announcement

Dan Benson, County Executive | Board of County Commissioners

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## SENIOR TRAFFIC SIGNAL ELECTRICIAN

### OVERVIEW:

The Mercer County Department of Transportation is seeking an experienced Senior Traffic Signal Electrician to join our team. This position involves performing advanced work in wiring, assembling, installing, repairing, and maintaining traffic signal systems. The Senior Traffic Signal Electrician will also take the lead on projects and provide direction to other traffic signal electricians.

**WORK HOURS:** This is a full-time position with regular weekday hours from 7:30 AM to 3:30 PM. Candidates must also be available to work outside of these hours, including evenings, weekends, and holidays, as needed.

**SALARY:** \$54,422 - \$72,229

### RESPONSIBILITIES:

- Perform advanced installations of complex traffic signal systems, including conduits, cables, signals, control boxes, and electronic control components.
- Plan and execute complicated cable hookups beyond standard color-coded circuits.
- Maintain and repair advanced traffic signal radar equipment and electronic controllers.
- Erect, repair, and maintain automatic and manual traffic control signals, overhead flashing beacons, and traffic timers.
- Conduct bench maintenance, testing, and approvals for service of traffic controllers and related equipment.
- Operate motor vehicles and equipment necessary for the role.
- Assign and instruct other employees as needed.
- Inspect, store, and maintain necessary tools, materials, and supplies.
- Keep detailed records and reports related to traffic signal maintenance and operations.
- Learn and utilize electronic and manual recording systems relevant to the division's work.

### REQUIREMENTS:

- A minimum of **four (4) years of experience** in signal installation and repair work, electrical maintenance, or as a wireman in electromechanical assembly.
- A valid New Jersey driver's license is required.
- Candidates may also need a valid Commercial Driver's License (CDL) with applicable endorsements for the vehicles operated in this role.

**KNOWLEDGE, SKILLS, ABILITIES:**

- Strong knowledge of traffic signal system installation, repair, and maintenance.
- Ability to perform emergency repairs under adverse conditions.
- Proficiency in practicing accepted safety procedures.
- Capability to lead and provide instructions to other employees.
- Competence in preparing reports and maintaining accurate records.
- Proficiency in using electronic and/or manual recording systems.

**TO APPLY:**

Candidate subject to all New Jersey Civil Service requirements. Mercer County residency required within one (1) year of employment. Send application, resume, and cover letter to Mark Mattaliano, General Supervisor, at [markmattaliano@mercercounty.org](mailto:markmattaliano@mercercounty.org) , or William Heil, Traffic Signal Supervisor, at [wheil@mercercounty.org](mailto:wheil@mercercounty.org).