



# Terrebonne Parish Consolidated Government

---

## JOB DESCRIPTION

<b>POSITION TITLE.....:</b>	Electrical Technician
<b>DEPARTMENT.....:</b>	Public Works
<b>DIVISION.....:</b>	Road & Bridge
<b>CLASSIFICATION/GRADE.....:</b>	Electrical Technician/109
<b>REVISED.....:</b>	09/2020
<b>REPORTS TO.....:</b>	Operations Supervisor (Bridges & Lights)
<b>REVIEWED.....:</b>	09/2020
<b>WAGES.....:</b>	Non-Exempt (Hourly)

---

### **SUMMARY:**

Under the direct supervision of the Operations Supervisor and the general supervision of the Superintendent. Electrical Technician troubleshoots electrical problems and performs preventative maintenance and repairs on all electrical equipment and instrumentation to ensure proper operation of the Road & Bridge equipment.

### **BASIC FUNCTIONS:**

1. Diagnose and resolve electrical problems.
2. Performs preventive maintenance and repairs on all electrical equipment and instrumentation including single and three phase electric motors, motor controls centers, generators, traffic control signals, etc.
3. Performs repairs on building electrical equipment.
4. Performs some mechanical functions including Gearmotor repair, replacement of bearings, mechanical seals, switch repairs, etc.
5. Must be able to interpret electrical diagrams, schematics, etc.
6. Must possess good oral and written communications skills.
7. Must be able to prepare material list and purchase materials needed to complete assignments.
8. Must adhere to all departmental safety rules and regulations.
9. Must be willing to be on 24 hour call for all electrical problems on bridges and traffic lights.
10. Work overtime including nights, weekends and holidays, and in other areas of the division as needed.
11. Performs other duties as assigned or deemed necessary by supervisor.

### **OTHER REQUIREMENTS:**

1. Must have a valid Louisiana vehicle operator's license.
2. Must be able to work extra hours as required by the Road & Bridge Superintendent, as required to meet Divisions workload, or as required in emergencies.
3. Must have thorough knowledge of the occupational hazards and precautions necessary for safe operation and repair of assigned equipment.
4. Occasional Heavy lifting.
5. Routine bending.
6. Occasional climbing to excess of 100 feet.
7. Works indoors and outdoors to maintain electrical equipment.
8. Frequent exposure to heat, cold, noise, and other conditions.

### **EDUCATION/EXPERIENCE:**

1. High School Diploma or GED equivalent.
2. Minimum of 4 (four) years of experience in maintenance and repair of single and three phase electric motors, motor control centers, generators, etc.
3. Electronic skills and mechanical knowledge is desired but not required.

4. Must have the ability to comprehend the mechanics and operational procedures of assigned equipment.
5. Must have the ability to read and interpret written and oral instructions including electrical diagrams.

**EQUIPEMNT USED:**

1. Conduit bender, pipe threaded, amp meters
2. Volt/OHM Meter, fish tape, battery charger
3. Hand and power tools
4. Aerial Lift Truck