

**POSITION: SIGNAL SYSTEMS ANALYST****JOB POSTING #:****DEPARTMENT:** Operations**UNION:** 543**POSTING TYPE:** Corporate**JOB CODE:** 543122**POSTING STATUS:** Regular Full-Time**POSITION #:** 00000288**# OF POSITIONS:** 1**GRADE/CLASS:** 0.13**SHIFT WORK REQ'D:** No**SALARY RANGE:** \$26.20 - \$30.80 per hour**HOURS PER WEEK:** 40

### DUTIES:

Reporting to the Supervisor of Traffic Signals, or designate, assists in the implementation, operation and maintenance of the computerized Traffic Signal Control System; assists in system design, including specification preparation and sub-contract administration; provides functional supervision to other employees; organizes the daily operation and maintenance of the system; configures, monitors and assists in the maintenance of environmentally hardened Ethernet switches, Video Imaging Vehicle Detection System(s), PTZ CCTV systems; monitors the communications network, including the on-street controllers; develops signal timing and traffic control strategies using known manual techniques and computer models such as SYNCHRO; undertakes signalized intersection and corridor reviews; compiles and summarizes data for the analysis and evaluation of Traffic Impact Studies as they relate to traffic signals; monitors and troubleshoots system hardware and software, including liaising with signal maintenance staff to pinpoint problems; assists in the development and preparation of charts, graphs, reports, and related file systems; maintains amiable relations with the public and fellow staff; will be required to travel to various locations across the City; Occupational Health and Safety duties as outlined in the Corporate Health and Safety Program; performs other related duties as may be required.

### QUALIFICATIONS:

- Must have a three (3) year diploma in Transportation Engineering Technology or Civil Engineering Technology from a Community College, or Ontario Ministry of Education equivalencies.
- Must have over three (3) year's experience in a computerized traffic signal control or similar environment.
- Must be eligible for certification as an Engineering Technician from O.A.C.E.T.T.
- Must have proven oral and written communication skills.
- Must hold and maintain a current valid and lawful Class G driver's licence in accordance with the Highway Traffic Act, for the purposes of operating a City of Windsor vehicle and your driver's abstract will be reviewed as a condition of employment.
- A university degree in Transportation Engineering or Civil Engineering will be considered an asset.

### POSTING SPECIFICS:

**Posting Period:**

- at 8:30 AM to 4:30 PM
- **APPLICATIONS WILL ONLY BE ACCEPTED DURING THE POSTING PERIOD.**

**Who May Apply:**

- Current City of Windsor employees. Eligibility for consideration is determined by the applicable collective agreement and/or current Corporate hiring practices.

**How To Apply:**

- Complete an Internal Job Transfer Form (available at Human Resources or on Dashboard) and attach a resume, specifically noting the job posting number, your qualifications and experience as outlined above.

**Apply To:**

- In person to the Human Resources Department or one of the Customer Care Centres
- By faxing your Job Transfer Form and resume to the Human Resources Department

**Updated:**

- By Human Resources on November 20, 2013