

TRAFFIC SYSTEMS PROGRAMMER - 231

DEFINITION OF WORK

Under immediate supervision, performs difficult professional work in assisting in the operation, maintenance and expansion of the City's traffic and parking computer systems; does related work as required.

EXAMPLES OF WORK

Maintains the systems software programs; revises software programs; assists in the preparation of new operating programs, including testing and debugging; develops software programs for collecting and formatting traffic and parking data; participates in the development, implementation and testing of experimental traffic control strategies.

EMPLOYMENT STANDARDS

Education and Experience: Any combination of education and experience equivalent to a bachelor's degree in computer science with some experience in programming real-time computer systems.

Knowledge, Skills and Abilities: Knowledge of complex programming of real-time computer systems in FORTRAN IV and assembly languages; knowledge of program implementation, tests, and debugging procedures; ability to work independently in devising and revising complex real-time computer programs; ability to diagnose program problems and to prescribe and carry out solutions; ability to work with other professional and technical personnel in maintaining and operating complex real-time, on-line computer systems.

