

ASSISTANT TRANSPORTATION SPECIALIST

General Statement of Duties and Responsibilities

Under direct supervision, assists higher level staff member in the preparation and conduct of transportation studies; assists in projects related to citywide traffic programs; performs related work.

Examples of Typical Tasks

Assist in feasibility studies to determine the type, size, location, and use of proposed metered and non-metered revenue producing parking facilities and the design of standards and specifications and testing of traffic and other equipment utilized in the operation, repair and maintenance of the above-mentioned facilities.

Assists in tasks of moderate difficulty in such specialized fields as traffic control, off street parking, signals, communications, construction and maintenance.

Engages in studies for traffic signal installation, modernization and signal timing schedules for isolated, arterial and grid coordinated signal installations.

Assists in street and transportation studies on conditions, problems, changes, and improvements relating to such matters as traffic safety, visibility, access, circulation, density, flow, speeds, crashes, volume and expansion, vehicle occupancy and inventory.

Assists in street and transportation studies on accessibility, the use of electronic detection, control and recording equipment, pedestrian behavior studies and crossing patterns, vehicle clearance determinations and bicycle lanes.

Conducts field investigations and makes timing changes to provide safety for both vehicular and pedestrian traffic.

ASSISTANT TRANSPORTATION SPECIALIST (continued)

Examples of Typical Tasks (continued)

Analyzes, designs and modifies signal timing for new signals.

Engages in surveys, studies and investigations of traffic conditions and may recommend methods and means of reducing congestion and crashes and improving the operations of street and transportation facilities.

Assists in the performance of traffic work in such areas as geometric design, traffic control, trip generation, travel time and delay, and origin and destination.

May assist in the analysis of traffic volume counts and make recommendations to increase the capacity of roadways and arterial streets in a specified area of the city.

May recommend temporary routing and detours of traffic.

Qualification Requirements

1. A baccalaureate degree from an accredited college or university with a major in engineering, architecture, landscape architecture, urban studies, planning or mathematics or one of the physical sciences; or
2. High School diploma or its educational equivalent and 4 years of full-time experience performing technical work on traffic programs and citywide transportation studies; or
3. Education and/or experience equivalent to "1" or "2" above.

