

## HIGHWAY TRAFFIC DATA COLLECTOR II

DESCRIPTION: This is skilled work in the collection of traffic data integral to highway planning or traffic engineering through the use of traffic counters, radar speed detectors, gap recorders and traffic survey teams. Works under general supervision. May supervise a number of subordinate pre-professional personnel. Performs work on open highways or congested urban areas of the state. May occasionally perform work assignments at high accident locations. Statewide travel required; performs related work as required.

EXAMPLES OF WORK: (A position may not be assigned all the duties listed, nor do the listed examples include all the duties that may be assigned.)

Distributes, collects, reads and maintains traffic counters, and also selects locations for set ups.

Assists in the installation and maintenance of permanent traffic counter stations.

Maintains necessary records and reports and assists in other related work.

Supervises complex field traffic surveys such as truck weight, origin and destination studies, rest area studies, radar studies, traffic signal studies, pedestrian studies and high accident location studies.

Supervises personnel engaged in special studies, prepares weekly work schedules, coordinates activity with maintenance and law enforcement personnel. May assist in traffic analysis work.

Operates state-owned vehicle. May make speed test runs on curves and other segments of highway.

FULL PERFORMANCE KNOWLEDGES, ABILITIES, AND SKILLS REQUIRED: (These may be acquired on the job and are needed to perform the work assigned.)

ENTRY KNOWLEDGES, ABILITIES, AND SKILLS REQUIRED: (Applicants will be screened for possession of these through written, oral, performance, and/or other evaluations.)

Knowledge of: the use and operating principles of traffic counters, radar speed detectors and gap records; traffic analysis; methods used in field traffic surveys such as truck weight, origin and destination studies, rest area studies, radar speed studies, traffic signal studies, pedestrian studies and high accident location studies.

Ability to: supervise personnel engaged in special studies; collect, organize and report statistical information.

Skill in: operating a motor vehicle in the performance of test runs on curves and other segments of highway; the maintenance and repair of mechanical equipment; the selection of appropriate sites for the installation of traffic counters and in the installation of traffic counters.

HIGHWAY TRAFFIC DATA COLLECTOR II (continued)

JOB PREPARATION GUIDELINES: (Entry knowledge, abilities, and/or skills may be acquired through, BUT ARE NOT LIMITED TO, the following coursework/training and/or experience.)

Any combination of training and/or work experience that will enable the incumbent to possess the required knowledge, abilities, and skills. A general qualification guideline for this is high school graduation or equivalent plus five years of experience demonstrating considerable engineering and supervisory ability plus mechanical repair knowledge; successful completion of vocational training in a mechanical area may be substituted on a year-for-year basis for experience or a Bachelor's degree in physical sciences or mathematics. Must have a valid Nebraska drivers license.