

ENGINEERING TECHNICIAN (TRANSPORTATION)

DISTINGUISHING FEATURES OF THE CLASS: Under supervision, performs non-professional engineering work of a moderately difficult nature in the Department of Transportation. Responsibilities include assisting in the performance of field studies, record keeping, computations and drafting work. Partial supervision may be exercised over subordinate unit staff. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Conducts or assists in conducting field studies to aid in the assessment and evaluation of traffic congestion, proposed new bus routes, changes in present bus routes, the effects of on-street parking, topography influencing traffic conditions, and other factors affecting transportation;

Maintains an active inventory of vehicles, radio equipment, and bus stop signs, as well as a record of passenger complaints and service disruptions by using automated office systems;

Consults with EDP on issues regarding the maintenance and compilation of computer data;

Assists in analyzing traffic volume, passenger counts and other data obtained in field studies;

Compiles field data relating to bus maintenance and operations for studies and reports;

Identifies and assists in the identification of potential safety hazards such as sight obstructions, inadequate pavement markings, structural deficiencies and other related matters by means of field inspection and review of accident reports.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Knowledge of the principles, practices and techniques of traffic engineering; ability to draft charts, diagrams, graphs and similar aids; ability to make mathematical computations; ability to follow oral and written instructions; ability to get along well with others including the public; good judgment; accuracy; reliability; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: High School or equivalency diploma and either: (a) completion of a two-year course in a recognized post high school, trade or technical school* with a major in civil technology or related area of transportation; or (b) two years experience in traffic engineering, civil technology or transportation services; or (c) a satisfactory equivalent combination of training and experience as defined by the limits of (a) and (b).

West. Co.
J. C.: Competitive
MML597

Job Class Code: C0466
Job Group: VI