

NEW CASTLE COUNTY GOVERNMENT

Number 0618

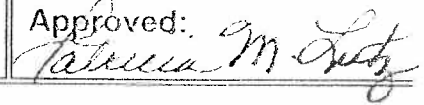
CLASS SPECIFICATION

Page 1 of 2

Date 11/06/98

Title: TRAFFIC ENGINEER

Approved:



GENERAL STATEMENT OF DUTIES: Performs professional engineering work of an administrative and technical nature in the accomplishment of traffic and transportation issues; does related work as required.

DISTINGUISHING FEATURES OF THE CLASS: An employee in this class applies professional engineering knowledge and skills in the area of construction, project management, operation and maintenance of engineering projects with emphasis on traffic and transportation issues directly impacting County-wide transportation infrastructure, facilities and services. This employee performs data collection, tabulation and data analysis related to traffic/transportation management. Depending upon the needs of the department, this employee may be required to work extended hours such as early mornings, nights and weekends. Work is performed under general direction and supervision may be exercised over professional or support staff working in this area.

EXAMPLES OF WORK: (Illustrative only)

- Performs technical engineering tasks in the area of traffic studies, accident studies, critical movement summations;
- Creates time and space diagrams, weave analyses, parking studies, truck restriction studies or turn prohibition studies;
- Assists in preparing long-range and short-range transportation plans for the County;
- Collects and/or analyzes data relative to long- and short-range traffic planning studies;
- Conducts, prepares and reviews traffic impact studies;
- May assist or participate in the supervision of professional or support staff working in the specific area;
- Performs all related traffic engineering work for the County;
- Prepares or reviews traffic and related plans and reports;
- Confers with the public and other organizations on matters concerning traffic and related planning which may require making presentations to the public;
- Conducts traffic studies;
- Promotes an ongoing attitude of dedication to excellent public service and ensures that external and internal customers are provided with the highest quality of service;
- Operates a data processing terminal, personal computer and other related equipment in the course of the work.

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REQUIRED KNOWLEDGE, SKILLS AND ABILITIES: Thorough knowledge of the modern principles and practices of engineering with particular emphasis on traffic or transportation issues; good knowledge of federal, state and local regulations governing multi modal traffic systems, system analysis, and travel demand forecasting; good knowledge of traffic impact analyses, reporting and collection; some knowledge of construction practices; ability to provide technical support and coordinate work with various staff; familiarity with AASHTO and MUTCD standards for geometry and traffic control devices; stability to utilize the latest version of HCS and X Critical; ability to perform technical research work; ability to communicate courteously and effectively, both verbally and in writing; ability to establish and maintain effective working relationships with subordinates, other agencies and the public; good judgement; ability to pass a Class III County physical examination.

ACCEPTABLE EXPERIENCE AND TRAINING: At least one year experience in traffic engineering or transportation planning and possession of a Bachelor's Degree from an accredited college or university with major course work in city, regional or transportation planning, transportation engineering or related field; a Master's Degree may be substituted for the one year work experience; or any equivalent combination of experience and training which provides the required knowledge, skills and abilities.

ADDITIONAL REQUIREMENTS: Registration as a professional engineer in the State of Delaware or assurance, satisfactory to management, that such registration may be obtained within one year of date of hire/promotion. Failure to obtain registration within one year shall be cause for dismissal. Possession of a valid Delaware Class D driver's license or its equivalent.

HISTORY OF REVISIONS:
Established: 11/06/98