

ORANGE COUNTY CLASS SPECIFICATION

TITLE: PRINCIPAL ENGINEER **GRADE:** 17

TITLE ABBREVIATION: PRIN ENGINEER **TITLE NO.:** 6518

JURIS.CL: C **SALARY CODE:** 71 **UNIT:** **EEO CODE:** PR **FLSA CODE:** AD

DEPARTMENT: PUBLIC WORKS **DIVISION:** ENGINEERING

SUPERVISOR'S TITLE: VARIOUS

DISTINGUISHING FEATURES OF THE CLASS: The work involves responsibility for the administration of complex County highway engineering projects involving design, construction and inspections. Work is performed under the general direction of the Deputy Commissioner or Director of Project Management- Division of Engineering in accordance with established policies and regulations, with wide latitude for independent judgment. Supervision is exercised over assigned engineering staff. Does related work as required.

TYPICAL WORK ACTIVITIES:

6. Directs preliminary studies and investigations, cost estimates and preparation of drawings of proposed projects for cost effectiveness and environmental soundness;
2. Directs and coordinates the complete design of approved engineering projects including planning, budget estimates, specifications and certification of payments to contractors;
3. Coordinates engineering projects with town and village officials;
4. Monitors progress of County and consultant projects in the field for adherence to plans and quality of work;
5. Establishes criteria, standards and specifications for highway design department projects;
6. Trains, schedules, assigns and supervises work of highway design engineering, permitting and inspection staff.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL

CHARACTERISTICS: Thorough knowledge of the methods and procedures used in development of major engineering projects; thorough knowledge of drafting, surveying, construction and inspection procedures; thorough knowledge of engineering specifications and estimate methods; initiative and resourcefulness in the solution of engineering and administrative problems; ability to conduct and apply research to highway design projects; ability to organize, direct and coordinate work of engineering staff; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

Possession of a New York State Professional Engineer license and two (2) years experience in the supervision of major engineering projects.

SPECIAL REQUIREMENT: Must possess and maintain a valid driver's license.

REVISED: 10/29/2024