

CLASS TITLE: CHIEF ENGINEER FOR INFRASTRUCTURE

Class Code: 02969800

Pay Grade: 49A

EO: A

GENERAL STATEMENT OF DUTIES: Within the Department of Transportation, to perform the highest level responsible administrative and supervisory work in planning, coordinating, implementing and controlling the department's Infrastructure program, including the Division of Highway Operations & Maintenance, Office of Stormwater Management and the Office of Safety; and to do related work as required.

SUPERVISION RECEIVED: Works under the administrative direction of the Director of Transportation or designee with considerable latitude for the exercise of initiative and independent judgment; work is subject to review for conformance to departmental objectives, laws, regulations and policies through conferences and written reports.

SUPERVISION EXERCISED: Plans, supervises, directs, coordinates and reviews the work of subordinate, professional, technical, skilled craft, service maintenance and clerical staff.

ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:

Within the Department of Transportation, to perform the highest level responsible administrative and supervisory work in planning, coordinating, implementing and controlling the department's Infrastructure program, including the Division of Highway Operations & Maintenance, Office of Stormwater Management and the Office of Safety.

To oversee the administration, development, implementation and management of the transportation component of the State's ten year stormwater management plan and program; to oversee the department's compliance with federal and state water quality standards for permitting and compliance requirements and judicial orders; to oversee the delivery of the transportation component construction projects for the State's Stormwater Program within scope, on schedule, within budget and to the highest quality.

To oversee the coordination of the stormwater management program activities with other programs of the US Environmental Protection Agency and the Department of Environmental Management to ensure conformance with policies, federal and state laws, rules, regulations, and applicable Court orders.

To oversee the administration and operation of the department's comprehensive statewide transportation traffic management and safety program inclusive of traffic management engineering, state highway safety programs, and workplace occupational health and workzone safety programs.

As assigned to be responsible for coordinating and administering highway and bridge infrastructure inspection and maintenance programs.

To assist in the formulation and implementation of new proposals, programs and policies.

To review existing laws, proposed legislation, rules and regulations and report thereon to the Director or designee.

To attend meetings and conferences involving federal, state and local officials, professionals, the press and the public; as required, to represent the Director at such meetings or conferences.

To be responsible for conducting studies in various areas in the transportation engineering and

safety field.

To perform highly difficult and responsible work of a professional civil engineering nature in directing all infrastructure engineering activities.

To review and discuss work of the highway infrastructure program with assistants and subordinate division administrators.

To review, discuss, approve or reject designs and specifications or changes in designs and specifications.

To review and approve or reject materials and equipment requisitions and the work change orders of the various divisions.

To inspect the work of the various projects in the field.

To consult with and advise the Director or designee on matters of policy, special projects, and matters affecting the state highway infrastructure engineering and maintenance programs.

To evaluate present programs as to their effectiveness and efficiency in attaining their objectives and to prepare future plans and budget allocations based on this evaluation.

To coordinate infrastructure program planning and development activities with other state agencies and with private organizations.

To be responsible for and to make recommendations to the Director or designee on divisional program planning and implementation, maintaining program activities within budget requirements, within scope and on schedule.

To assist as needed, in divisional labor contract and personnel administration, and staff development and training activities.

To do related work as required.

REQUIRED QUALIFICATIONS FOR APPOINTMENT:

KNOWLEDGES, SKILLS AND CAPACITIES: A thorough knowledge of the principles, practices and techniques pertaining to highway planning, roadway maintenance, public works, environmental protection and related transportation engineering programs; a thorough knowledge of highway engineering problems and techniques peculiar to this state; a high degree of skill and administrative ability in organizing, directing and coordinating the state highway infrastructure program; a working knowledge of federal and state environmental protection programs concerning stormwater management and water resources protection programs; a working knowledge of federal highway safety laws, policies, rules and regulations; a working knowledge of workplace occupational health and workzone safety programs; the ability to inspect complex engineering working plans and a fundamental knowledge of engineering computations, analyses and presentations; the ability to evaluate the effectiveness of programs and to recommend changes to make them effective; the ability to evaluate the effectiveness of programs and to recommend changes to make them effective; a thorough knowledge of federal and state laws relating to transportation administration, engineering and enforcement programs; a thorough knowledge of transportation principles, methods, practices, standards and organization; a thorough knowledge of the principles, practices and techniques of management and public administration, and the ability to apply such knowledge in the administration and control of several engineering and operating divisions; a thorough knowledge of the organizational structure and functions of public transportation; the ability to evaluate the effectiveness of programs, identify problems and work creatively to improve them; a working knowledge of general and cost accounting procedures as well as government finance policies and procedures; a familiarity with planning and analytical

techniques; the ability to develop and maintain effective working relationships with public, press and private officials; the ability to plan, organize, review and evaluate the work of a staff of professional, technical, clerical and other employees; and related capacities and abilities.

EDUCATION AND EXPERIENCE:

Education: Such as may have been gained through: graduation from a college of recognized standing with a degree with specialization in Civil Engineering; and

Experience: Such as may have been gained through: extensive employment in a highly responsible administrative civil engineering capacity in Highway and Bridge Engineering, Transportation Planning, Highway Construction and/or Highway Maintenance Operations.

Or, any combination of education and experience that shall be substantially equivalent to the above education and experience.

SPECIAL REQUIREMENT: At the time of appointment, must possess a Certificate of Registration as a Professional Engineer (PE) issued by the Rhode Island State Board of Registration for Professional Engineers, and must maintain such certification as a condition of continued employment.

Editorial Review: March 15, 2003

Class Revised: July 24, 2016