

CLASS SPECIFICATION FOR
Construction Inspector

GENERAL STATEMENT OF DUTIES: Inspects the work of contractors on construction projects to ensure compliance with plans and specifications; does related work as required.

DISTINGUISHING FEATURES OF THE CLASS: This is technical and skilled work in inspection of contractors and developers' construction projects prior to, during, and after completion to ensure compliance with approved plans and specifications. This work calls for the application of basic engineering knowledge and skills, providing for independent planning of work details and some latitude for limited technical determinations. Supervision is received from a professional engineer.

EXAMPLES OF WORK (illustrative only):

- Measures, tests and checks construction materials, methods and installations to ensure conformance by the contractors with plans, specifications, and terms of the contract;
- Serves as inspector on street, sewer, water main, bridge, drainage, water and sewer pumping station, and water and wastewater treatment plant construction projects;
- Checks line and grade of construction projects;
- Requires documentation of erosion and sediment control problems and presentation in court of same material;
- Responsible for monthly estimates for the purpose of reimbursement to contractors performing County road, bridge and drainage projects;
- Performs safe evaluations for bond reductions on subdivision development;
- Investigates complaints and violations;
- Maintains necessary records and reports;
- Participates to a limited degree in the preparation and review of specifications, plans, estimates, contracts, and reports involved in the construction, maintenance, and operation of a variety of Public Works or Public Utilities projects;
- Works with construction contractors to make necessary field corrections;
- Inspects materials used in project;
- Performs a wide variety of other engineering duties of the same level of difficulty;
- Performs related work as assigned.

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES: Knowledge of modern principles and practices of engineering as applied to the construction of road or utility projects; knowledge of surveying; knowledge of street, water and sewer construction practices; ability to work effectively with contractors and general public; engineering judgment; physical condition that permits activities including, but not limited to, walking long distances, climbing, bending, driving and working under adverse temperatures and/or weather conditions.

MINIMUM EDUCATION AND EXPERIENCE: Graduation from high school, preferably supplemented by college courses in civil engineering, and three (3) years of sub-professional engineering experience in construction of roads and/or utility projects; OR, any equivalent combination of experience and training which provides the required knowledge, skills and abilities.

ADDITIONAL REQUIREMENTS: Possession of a valid Virginia Commercial driver's license, with endorsements and without restrictions. Some positions may require completion of a training course for the use of nuclear testing equipment and/or certification in Portland cement concrete and bituminous concrete asphalt. May require a pre-employment physical examination and/or medical tests administered by Henrico County Employee Health Services, the components of which are based on and appropriate to the specific sensory and/or physical demands of the given position.