

**STATE HIGHWAY ENGINEER****Nature of Work:**

Directs all operational engineering activities of the Division of Highways and provides general policy and priority guidance to management programming and control engineering. Authority for final decisions is governed by Commissioner's orders and policies and by the general understanding that unusual, exceptional, and controversial items will be review by the Commissioner. Performs related work as required.

**Examples of Work**

Manages and supervises all engineering phases of the planning, construction, and maintenance of highway systems.  
 Prepares alternate approaches to highway systems for review by the Commissioner and the Legislature.  
 Implements final plan for highway systems after they are approved by the Commissioner.  
 Reviews highway design, construction, and maintenance projects at major junctures to ensure they are progressing properly.  
 Renders final decisions on technical problems with regard to highway planning, construction, or maintenance.  
 Meets with the public at public hearings on meetings to discuss departmental projects.

**Knowledge, Skills and Abilities**

Knowledge of all highway design, construction, operation and maintenance principles and practices.  
 Knowledge of highway planning principles.  
 Ability to organize, direct and control a statewide highway engineering program.  
 Ability to invest wisely in manpower and equipment for immediate and long range benefits, and establish and perpetuate a steady, high volume output.  
 Ability to interact with government officials, employees, and the general public to establish and maintain effective working relationships.  
 Ability to express ideas clearly, both orally and in writing.

**Minimum Qualifications**

**Training:** Registration as a professional engineer in West Virginia.

**Experience:** Ten years of highway engineering experience which included managerial responsibility and exposure to the planning, construction, and maintenance phases of highway systems.

**Substitution:** Master's of Science Degree in Civil Engineering from an accredited college or university (obtained after registration) may be substituted for one year of the required experience.

Established: 10/21/93  
 Effective: 11/15/93