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Class Specifications  
for the Class:HIGHWAY CONSTRUCTION INSPECTOR III  
(HIGHWAY CONST INSPECTOR III)**Distinguishing Characteristics:**

This class differs from that of Highway Construction Inspector II in that Highway Construction Inspector III independently inspects all phases of the construction of highways and related structures for conformance with plans and specifications, contracts, agreements and standard methods of work; whereas the Highway Construction Inspector II inspects one or more phases of a variety of projects, following established procedures and instructions as to construction methods.

**Examples of Duties:** *(Positions may not be assigned all of the duties listed, nor do the examples necessarily include all of the duties that may be assigned. This does not preclude the assignment of duties that are not listed.)*

Checks the clearing and grubbing of rights of way; checks to see that lines and grades have been properly established and that they are followed throughout construction; checks the excavation and construction of embankments and sub-grades; inspects the erection of falsework, concrete forms and shoring for trenches and coffer dams; inspects the laying of base courses and flexible and rigid pavements; inspects the construction of curbs, drains, culverts, and catch basins; checks the specifications and placement of reinforcing steel for concrete bridges; inspects the fabrication, erection, riveting and welding of steel bridges; keeps records of substructures and of the locations of sewer and other utility connections; inspects and prepares samples of various highway construction materials such as Portland cement and asphaltic concrete; checks to see that mixes conform to specifications; performs slump tests to determine workability of concrete; checks rock, fillers or other aggregates for consistency with approved samples; prepares rough charts for as-built drawings; and keeps records of time, materials or other costs in connection with verification of payments on contracts.

**Knowledge and Abilities Required:**

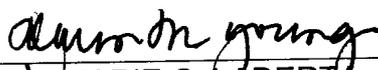
Knowledge of: Methods and practices used in the construction of highways and related structures such as sidewalks, curbs, gutters, culverts, catch basins, bridges, overpasses and aqueducts; plans and specifications relating to a wide variety of highway construction equipment and their proper use; arithmetic; and safety practices.

Ability to: Read and interpret plans and specifications for highway construction projects; relate lines and grades indicated by survey stakes to highway construction jobs and to check apparent discrepancies between the stakes and the plan for the highway project; determine quality of materials and workmanship by inspectional techniques and determine compliance with specifications; and deal tactfully and effectively with contractors and the general public.

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This is an amendment to the specification for the class HIGHWAY CONSTRUCTION INSPECTOR III (HIGHWAY CONST INSPECTOR III), which was approved on December 5, 1961.

DATE APPROVED: 7/15/10

  
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Director of Human Resources Development