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Class Specifications
for the Class:

HIGHWAY CONSTRUCTION INSPECTOR II
(HIGHWAY CONST INSPECTOR II)

Distinguishing Characteristics:

Highway Construction Inspector II inspects various phases of highway construction to ascertain whether construction methods, practices and materials conform to plans and specifications, and standard methods of work; and resolves problems based on precedents or instructions and only refers problems to supervisors when such situations are not covered by precedents or are beyond the scope of instructions. This class differs from Highway Construction Inspector I, which inspects a particular phase of highway construction work, according to specific instructions and under the supervision of a highway project engineer or a higher-level Highway Construction Inspector.

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

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; inspects the excavation, embankment, borrow and compaction of earth; inspects the laying of base courses and flexible and rigid pavements; inspects false work, forms, reinforcement and pouring of concrete for sidewalks, curbs, gutters and catch basins; checks the quality and measures the quantity of borrow materials, base course materials and pavement materials; inspects trenching and backfilling; assists other inspectors and engineers in inspecting various phases of construction for major highway structures such as bridges, overpasses, aqueducts and tunnels; performs slump tests, penetration tests, sieve analysis and other common tests of construction materials; renders decisions as to the acceptance of forms; equipment and materials based on instructions or precedents; shuts down work due to non-compliance of materials or work procedure with plans and specifications until issue at hand can be referred to and decided by senior inspectors or

engineers; keeps records and prepares routine inspectional reports; assists in preparing monthly progress reports; and occasionally assists in preliminary and location surveys.

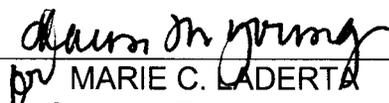
Knowledge and Abilities Required:

Knowledge of: Methods and practices used in the construction of highways and related structures such as sidewalks, curbs, gutters, culverts and catch basins; plans and specifications relating to construction requirements including concrete and bituminous mixes; common tests for construction materials such as wood, concrete, aggregates and asphaltic concrete; construction equipment and their proper use; arithmetic; and safety practices.

Ability to: Read and interpret plans and specifications for construction projects; understand and carry out specific inspectional assignments involving the performance of arithmetic computations and estimates; determine compliance of quality of materials and construction procedures with specifications; deal tactfully and effectively with contractors; keep records; and prepare inspectional reports.

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

DATE APPROVED: 7/15/10



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