

ILLINOIS DEPARTMENT OF CENTRAL MANAGEMENT SERVICES
CLASS SPECIFICATION

WATERWAYS CONSTRUCTION SUPERVISOR II

POSITION CODE: 49062

Effective: 8-1-81

DISTINGUISHING FEATURES OF WORK:

Under direction, plans, coordinates, reviews and supervises the activities of all waterways program construction staff engaged in the statewide construction/reconstruction and maintenance of waterways, spillways, levees, pump stations, boat docks, dams and bridges in all regions of the State; supervises all lower level waterways construction field crew supervisors in the Department of Transportation.

ILLUSTRATIVE EXAMPLES OF WORK:

1. Coordinates statewide construction projects such as: channel excavation, channel clean-outs, log jam removal, pile driving, buoy installation and removal, maintenance of dams and equipment installation; conducts investigations of complaints associated with channel marking and obstructions to navigation; supervises and directs subordinates in the proper procedures regarding construction of grades, fills and cuts.
2. Reviews specifications and design plans to provide coordination of construction operations in the most efficient and economical manner, involving scheduling of equipment and staff, estimating and ordering materials and analysis of proper procedures of construction projects; confers with lower level waterways construction supervisors on more complex problems encountered in construction.
3. Supervises the preparation of necessary records and reports such as staff hours worked, equipment inventory, equipment rental, short form contract payments, work unit completion charts, minor plans, preliminary layout and construction costs.
4. Directs the field operations of private contractors to ensure that the correct materials, services, supplies, equipment and quality of work are in compliance with project objectives; directs and participates in the shop and field fabrication of special, temporary and permanent installations necessary for unusual structures required to satisfy the need for temporary and permanent repairs on new facilities.
5. Prepares progress reports with conclusion and project dates of completion; redirects and redistributes work forces to achieve completion of projects according to determined work schedules; spot checks progress of various departmental maintenance and construction projects throughout the State to determine quality and quantity of work accomplished.

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6. Monitors the training given to subordinates relative to work safety, equipment operations, interpretation of construction drawings, maintenance of equipment and designated work responsibilities.
7. Performs other duties as required or assigned which are reasonably within the scope of the duties enumerated above.

DESIRABLE REQUIREMENTS:

Education and Experience

Requires knowledge, skill and mental developmental equivalent to completion of four years of high school, with coursework in advanced mathematics, blueprint reading and surveying.

Requires two years supervisory experience in marine or other related public works construction, including the operation of construction equipment.

Knowledges, Skills and Abilities

Requires extensive knowledge of the operation and maintenance of all types of construction equipment.

Requires extensive knowledge of the use and application of levels, transits and reference tables used in surveying.

Requires extensive knowledge of construction materials and construction methods and practices.

Requires extensive knowledge of tools, procedures and techniques required in waterways construction and stream maintenance.

Require ability to plan, supervise and coordinate construction/reconstruction and maintenance operations in the most efficient and economical manner, in the maintaining of specified quality standards.

Requires ability to maintain records and prepare reports.

Requires ability to prepare estimates of materials, supplies, equipment, time and staff needed for various projects.

Require ability to read, interpret and work from plans, simple drawings and sketches.

Require ability to make simple arithmetical computations and bulk estimates of materials needed.

Requires ability to outline assignments and communicate assignments to staff.
Requires skill in the use and operation of construction equipment.