

STATE OF WISCONSIN
CLASSIFICATION SPECIFICATION

STRUCTURAL ENGINEER-TRANSPORTATION SUPERVISOR

I. INTRODUCTION

A. Purpose of This Classification Specification

This classification specification is the basic authority under, Wisconsin Administrative Code ER 2.04, for making classification decisions relative to professional supervisory positions located at the Department of Transportation which perform professional structural engineering work and which supervise professional structural engineering positions. This classification specification is not intended to identify every duty which may be assigned to positions but is intended to serve as a framework for classification decision making in this occupational area.

Classification decisions must be based on the “best fit” of the duties within the existing classification structure. The “best fit” is determined by the majority (i.e., more than 50%) of the work assigned to and performed by the position when compared to the class concepts and definition of this specification or through other methods of position analysis. Position analysis defines the nature and character of the work through the use of any or all of the following: definition statements; listing of areas of specialization; representative examples of work performed; allocation patterns of representative positions; job evaluation guide charts, standards, or factors; statements of inclusion and exclusion; license or certification requirements; and other such information necessary to facilitate the assignment of positions to the appropriate classification.

B. Inclusions

This classification encompasses professional supervisory positions located in the Department of Transportation, Bureau of Structures which perform professional structural engineering work and supervise Structural Engineer positions assigned to perform duties related to the planning, evaluation, analysis and design of structures and may supervise other staff functioning in the field of engineering, such as Civil Engineers Transportation, CADD Specialists, Engineering Specialists-Transportation, Surveyors, Landscape Architects, or Engineering Technician Transportation. Positions allocated to this classification must meet the definitions of professional employee and supervisor, as defined in s. 111.81(15) and (19), Wis. Stats., respectively.

C. Exclusions

Excluded from this classification are the following types of positions:

1. Positions which do not meet the statutory definition of professional employee, as defined in s. 111.81(15), Wis. Stats.
2. Positions which do not meet the statutory definition of supervisor, as defined in s. 111.81(19), Wis. Stats., as administered and interpreted by the Wisconsin Employment Relations Commission.

3. Positions which do not require that the incumbent perform professional engineering duties and be a professional engineer by background and training for the successful performance of the duties assigned the position.
4. Positions located outside of the Bureau of Structures and primarily supervise employees classified as Civil Engineer Transportation and are more appropriately classified as Civil Engineer Transportation Supervisor.
5. All other positions which are more appropriately identified by other classification specifications.

D. Entrance Into This Classification

Employees enter positions in this classification by competition.

II. DEFINITION

STRUCTURAL ENGINEER SUPERVISOR

This is professional supervisory work in the field of structural engineering. Positions allocated to this classification perform professional structural engineering work and directly supervise a work unit of at least three (3) full-time equivalent, permanently assigned employees, at least one of which is allocated to the Structural Engineer classification series, and may supervise other staff allocated to an engineering-related classification, such as Civil Engineer Transportation, CADD Specialist, Engineering Specialist-Transportation, Surveyor, Landscape Architect, or Engineering Technician Transportation. Positions report to a section chief and perform administrative and supervisory functions related to the planning, design, development, construction, operation, and maintenance of transportation facilities with specific emphasis on the planning, design and rating of bridges, box culverts, overhead roadway traffic signage and other transportation system components where an analysis of the distribution of loads, stresses and strength is required. Work is performed under general supervision.

III. QUALIFICATIONS

Positions allocated to this classification are assigned duties and responsibilities of such a nature that it is required by federal or state law, or by position analysis, that the incumbent have one of the following:

- Registration as a Professional Engineer as determined by the Department of Safety and Professional Services per s.443.04, Wis. Stats.
- A specific record, issued by the professional engineering section of the Department of Safety and Professional Services, showing 4 years or more experience in engineering work of a character satisfactory to the professional engineering section and satisfactory completion of the fundamentals of engineering exam;
- Have graduated from a recognized college or university with a degree in an engineering-related field such as electrical, mechanical, civil, or environmental engineering; OR
- Have equivalent professional training and practical experience so as to be deemed a professional engineer as defined by the Department of Safety and Professional Services s. 443.01, Wis. Stats., and also deemed to be qualified to engage in professional engineering practice as determined by the Department of Safety and Professional Services per s. 443.04 or 443.05, Wis. Stats.

Positions not having duties and responsibilities which require such credentials shall be allocated to a different classification.

Structural Engineer Supervisor positions in the Division of Transportation System Development are in responsible charge of engineering related documents and therefore are required to have a professional engineer designation in accordance with WI Statutes 443.

IV. ADMINISTRATIVE INFORMATION

This classification was created effective June 30, 2013, and announced in Bulletin OSER-0327- MRS/SC, in order to describe professional supervisory structural engineering positions located at the Department of Transportation. The positions in this classification were formerly classified as Civil Engineer Transportation Supervisor which was modified to remove structural engineering work on the same date.

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