Iowa Department of Administrative Services – Human Resources Enterprise
Classification Series Guidelines

Bridge Inspector Series

Classes in the Series

Class Code	Class Title
08133	Bridge Inspector 1
08137	Bridge Inspector 2

Series Concept

This series is intended for positions performing inspections of bridges to determine if bridges are safe for use by the motoring public. Positions in this series also gather and review inspection data through inspections and the coordination of the review and processing of bridge inspection data.

Exclusions

- Positions performing professional engineering work in transportation projects and programs related to such areas as roadway planning, design, construction, and maintenance should be classified in the Transportation Engineer Series.
- Positions responsible for performing a variety of highway activities including snow and ice control; roadway repair and maintenance; checking grades and elevations; sampling, testing, and inspecting construction materials; and routine survey activities should be classified in the Highway Technician Series.
- Positions responsible for performing engineering support, or supervising the provision of engineering support, and construction trades related work including project inspection, monitoring, and survey should be classified in the Construction Technician Series.
- Positions responsible for performing para-professional work in technical engineering design; engineering software; management of consultant services; geotechnical design; cartography; photogrammetry; property title determination; pavement design; pavement management; automation enhancement; technical plans; detail drawings; or maps for the planning and design of roadways, bridges, right of way, culverts, park facilities, bikeways and trails, lighting, drainage and flood control systems, signing, safety improvements, pavement markings, traffic control devices, and related civil and transportation engineering projects should be classified in the Design Technician Series.

Class Distinctions

Bridge Inspector 1

Persons in this class perform trainee-level paraprofessional engineering work on a specialized team conducting detailed inspections of existing bridges; as a member of the office technical team, reviews/processes inspection data provided by the inspection teams; performs specialized maintenance activities on suspension bridges. Following a minimum trainee period of 18 months, employees in this class are eligible for trainee/journey reclassification to the Bridge Inspector 2, so long as they have successfully completed the necessary requirements set forth by National Bridge Inspection Standards (NBIS) to be an inspection team leader.

Bridge Inspector 2

Persons in the class perform journey-level paraprofessional engineering work in detailed inspection of existing bridges. Positions at this level coordinate the activities of and provide guidance to the inspection teams and operators of under bridge access units. Positions also direct and coordinate the review/processing of bridge inspection data.

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