

Jurisdictional Class: Non-Competitive  
Adopted: March 23, 1987  
Revised: May 3, 2010

**CARPENTER (HIGHWAY)**

**DISTINGUISHING FEATURES OF THE CLASS:** This is skilled work involving responsibility in connection with construction and maintenance of buildings, bridges, sea walls, headwalls, towers, drainage structures, and related equipment. The operation of construction machinery such as cranes, loaders, dozers, compressors, and dump trucks may be required in the performance of duties. General instructions are received regarding tasks to be performed, permitting wide leeway for planning the details of each assignment. Supervision may be exercised over the work of subordinates. The incumbent does related work as required.

**TYPICAL WORK ACTIVITIES:** (Illustrative only)

Builds forms of all shapes and capacities for the pouring of concrete structures;  
Works with structural steel reinforcing, cutting, bending, welding;  
Constructs and repairs timber abutment walls, wing walls, and retaining walls;  
Builds wooded bridge decking, superstructures, and railings;  
Constructs wood and timber cribbing and structural falsework in conjunction with bridge erection and repairs;  
Builds walls, piers, abutments, and footing of concrete and stone masonry;  
Constructs wood frame buildings, sheds, and stalls;  
Replaces roof, installs windows and doors, builds closets and shelving, and builds tool cupboards and racks;  
Interprets blueprints, drawings, and sketches;  
Oversees and/or performs excavation, de-watering, coffer damming, forming for footings and foundations;  
Directs Motor Equipment Operators and Laborers;  
Oversees and takes part in other varied activities such as plowing, sanding, equipment repair, and maintenance of buildings and highways.

**FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES & PERSONAL CHARACTERISTICS:**

Good knowledge of the common practices, tools, terminology, and safety precautions of the trade;  
Skill in the application of such knowledge to work assignments;  
Ability to work from plans, specifications, and rough sketches;  
Ability to operate common power wood working equipment and tools;  
Ability to plan and work independently;  
Ability to get along well with others;  
Good motor and hand and eye coordination;  
Manual dexterity.

**MINIMUM QUALIFICATIONS:** Two (2) years of satisfactory experience as a carpenter at the journey level.