

**MONTGOMERY COUNTY GOVERNMENT
ROCKVILLE, MARYLAND
CLASS SPECIFICATION**

**Code No. 005233
Grade 14**

**PUBLIC SERVICE WORKER IV
(Traffic Engineering)**

DEFINITION OF CLASS:

This is semiskilled manual labor work which requires an employee to be proficient in the installation of traffic signs and posts, the operation and maintenance of the auxiliary controls of a heavy duty highway striper for painting and glass bead dispensing, or both areas of traffic engineering. The employee also operates small and large trucks, as necessary. Contacts are primarily with the members of the work unit to which an employee is assigned and related units, but also include contact with police, school personnel and the general public, to provide general information about the work performed and planned. Some contacts may involve complaints and other problems. This class of work may entail some public service/assistance, but it is incidental to the primary focus of the work performed.

An employee in this class performs recurring work in one or both assignment areas, as regularly or temporarily assigned. Work requires employees to have manual dexterity operating hand held power tools, hydraulic tools, power take-off controls, some of which are hydraulic, and in some situations will involve leading/instructing one or two lesser skilled employees in the performance of their work. Generally, the supervisor does not give detailed instructions or provide continual supervision; the employee is expected to complete assignments after receiving initial oral and written instructions. The nature of the duties and kinds of equipment used require instruction/practice on the equipment and continual care and attention by the employee both to avoid accidents and to properly complete work assignments. The impact of the employee's work is realized in clear and safe roadway signs and markings. Work is performed outdoors in all types of weather conditions and involves tasks that require bending, crouching, lifting, carrying, pushing, pulling and otherwise moving and using light to heavy objects and equipment. It requires use of personal protective gear and safety precautions.

The employee will be required to handle the post driver, which weighs 75 pounds, on a daily basis. Work is generally performed outdoors in tiring and uncomfortable positions for long periods, e.g., employees continually bend, reach, stretch, lift, stoop, climb and crouch, at times in cramped quarters and/or awkward positions. The employee regularly exerts medium physical effort, such as pulling, pushing, lifting and carrying items weighing up to 75 pounds. The employee, by working close to heavy traffic, operating power tools/equipment and being around moving machinery, is exposed to hazards that require constant awareness, adherence to special safety shoes, hard hats, ear protectors and/or respiratory masks. Work is performed outdoors where the employee is regularly exposed to severe weather, grease, dirt and muck from digging and working amid run-off, storm drains and similar unpleasantness and discomforts.

EXAMPLES OF DUTIES: (Illustrative Only)

Sign Installation

- Installs traffic sign posts at pre-designated locations in cement, asphalt, sod and other surfaces and affixes signs thereto and upon buildings and other surfaces.

- Digs holes, mixes concrete, cuts pipe and punches bolt holes in signs.
- May investigate inquiries/complaints regarding signing.
- Trains subordinate level employees in methods, tools and procedures used in sign installation and maintenance.
- Plans daily work schedule/route after receipt of work assignments.
- Leads assign crew in daily work.
- Paints various types of poles and sign posts.
- Installs barricades and related devices.
- Operates sign truck and maintains an inventory of traffic sign parts, supplies, tools and equipment.
- Operates air post driver and air compressor to drill holes for sign posts.
- Performs operator maintenance on sign shop truck, tools and equipment.
- Submits daily report of work accomplished, problems encountered, etc.
- Performs other manual labor tasks during inclement weather and related duties as required.

Traffic Road Marking

- Operates the auxiliary controls of a mobile road marking paint unit and hand held road marking equipment used for applying/remediating various traffic control markings on roadways, and intersections – e.g., crosswalks, stop lines, word/symbol markings, intersection channelization markings, centerlines, lane lines, edge lines and no passing zone markings.
- Pre-marks roadways when necessary.
- Prepares road marking material for application.
- Maintains all types of road marking equipment and makes field repairs on all such equipment.
- Drives thermoplastic truck and thermo kettle truck, when necessary.
- Provides training to new employees.
- Performs other manual labor tasks during inclement weather and related duties as required.

KNOWLEDGE, SKILLS AND ABILITIES:

- Knowledge of and ability to use all vehicles, equipment and tools used by Montgomery County Government to install, maintain and remove traffic signs and pavement markings. This includes skills in the use of all regularly assigned vehicles and equipment.
- Knowledge of applicable Motor Vehicle Administration and highway regulations for safe, legal operation of the vehicles/equipment used.
- Knowledge of how to load and secure cargo to prevent shifting or departing.
- Skill to operate and maintain power tools and equipment of the work.
- Ability to lead and perform a variety of semi-skilled tasks associated with manual labor.
- Ability to understand and carry out verbal and written instructions.

MINIMUM QUALIFICATIONS:

Experience: Two (2) years of manual labor experience.

Education: Ability to read and write in English.

Equivalency: None.

Physical Ability: Ability and willingness to perform medium and heavy manual labor tasks for extended periods of time, to use paint and other hazardous materials, to work in and around traffic, and to wear personal protective gear and apply safety precautions.

LICENSE:

- Possession and maintenance at all times of a valid Class B (or equivalent) Commercial Driver's License (CDL) from the applicant's state of residence with airbrakes endorsement.

PROBATIONARY PERIOD:

Individuals appointed to a position in this class will be required to serve a probationary period of six (6) months, during which time performance will be carefully evaluated. Continuation in this class will be contingent upon successful completion of the probationary period.

MEDICAL EXAM PROTOCOL: Core II Exam.

Class Established: September 1985

Revised: January 1986

March 1992

Classification Study: November 2001 (M)

August 2006

May 2013

August 2013