



CLASSIFICATION NO. 603

Established: 3/18

Revised: 10/23

FLSA: Non-Exempt

EEO: 7

TRANSPORTATION MAINTENANCE SPECIALIST 3

CLASS CHARACTERISTICS

Under general supervision, operates medium and heavy road, bridge, traffic sign and marking maintenance equipment and vehicles; performs skilled manual tasks; does related work as required.

DISTINGUISHING CHARACTERISTICS

The Transportation Maintenance Division within the Department of Transportation and Development maintains the County's roads, bridges, culverts, buildings, traffic markings signs, signals, and equipment related to the County's road, bridge, traffic, and ferry systems.

The Transportation Maintenance Specialist 3 is the third level classification in the four level Transportation Maintenance Specialist series. Incumbents operate specialized heavy equipment and make operator-level decisions with limited supervision. Incumbents are responsible for the safe and efficient operation of a variety of construction, maintenance, and repair equipment. Incumbents are also responsible for performing skilled heavy carpentry, concrete finishing, welding, steel fitting, sandblasting, painting, and crane operation, and the maintenance of a variety of traffic marking and sign aids and devices. Incumbents may also provide training and guidance to lower-level Transportation Maintenance Specialist and/or seasonal employees engaged in unskilled or semi-skilled manual tasks.

The Transportation Maintenance Specialist 3 classification differs from the Transportation Maintenance Specialist 2 who generally operates smaller equipment having less than four axles, and also differs from the Transportation Maintenance Specialist 4 which is the highest level in the series and responsible to lead and coordinate the work of employees in the field.

TYPICAL TASKS

Depending upon assignment, the majority of duties may be concentrated in one of the following categories but are not limited to:

GENERAL

1. Operates trucks, trailers and related equipment which require a CDL; hauls and dumps road maintenance and repair materials, including asphalt, rock, oil, dirt, and culvert pipes; loads and transports road equipment.
2. Performs and is responsible for lubrication and routine light maintenance of equipment; reports operating and repair problems to equipment shop supervisor or mechanics.

3. May operate specialized equipment to control vegetation in designated County roadways and right-of-ways; performs motorized herbicide application.
4. May train other employees in their area of work in safe maintenance and repair methods, techniques, and in the setup and use of equipment.

BRIDGE MAINTENANCE

1. Inspects, maintains, and repairs the Canby Ferry and equipment; including motors, generators, and cable systems; maintains and repairs bridge and ferry maintenance tools and equipment; fabricates replacement parts.
2. Constructs, maintains, and repairs concrete bridge structures.
3. Maintains and repairs wood bridge structures; replaces pilings, braces, caps, stringers, flooring, hand and guard rails, fenders, and catwalks.
4. Fabricates and welds structural steel; positions heavy bridge members; sandblasts and paints wooden and steel structures; installs water resistant membranes.
5. Operates cranes, excavators and other heavy equipment for bridge maintenance and repair.
6. Performs environmentally sensitive in-water work within regulated waterways.

ROAD MAINTENANCE

1. Operates equipment which requires a CDL; operates oil distributors; operates power equipment in the form of power shovels and backhoes; operates track-mounted or rubber tire tractors; operates self-propelled rollers weighing over 5 tons; operates vactor truck to clean out catch basins.
2. Operates bulldozers, excavators and related equipment to load and move road materials; loads dump trucks, pavers and distributors; scrapes road surfaces; moves and removes dirt, rocks, brush and other debris; cleans ditches.
3. Operates track hoe or Gradall to excavate dirt and other materials, dig ditches, rip asphalt, install culvert pipes, back fill trenches, cut road grade, clear brush and debris and widen roads.
4. Operates graders to smooth and level gravel roadways, remove slides and contour roadways; operates chip spreader to spread rock chips; operates oil distributor for road sealing, and tack coating; operates pavers, and breakdown and finish rollers.
5. Participates in snow and ice removal; operates snow blower, loads, and applies sand, gravel, and deicer to roads; plows snow, and installs vehicle chains.
6. Operates equipment for specialized road maintenance functions, such as the road profiler.
7. Performs any other equipment operation or manual assignment of equal or less skills than those listed on the Transportation Maintenance Specialist 1 or 2 classifications.

TRAFFIC MAINTENANCE

1. Paints and inspects lines, legends, arrows, and other traffic markings; loads paint and reflective beads onto paint truck; selects appropriate paint color, line width or stencil for project; applies paint and regulates flow to ensure line quality and uniformity; installs, replaces and inspects reflective devices; drives paint truck; independently operates LineLazer; performs maintenance on paint truck and equipment such as cleaning paint guns, hoses, pumps and tanks.
2. Responds to complaints and requests for new, additional or replacement signs, striping and markings from citizens and jurisdictions which contract for services; investigates specified location and identifies conditions, hazards and potential liability; reviews regulations regarding traffic markings and sign locations; recommends and implements solutions such as type and location of new sign or changing location of existing sign.
3. Operates striper as driver.

REQUIRED KNOWLEDGE AND SKILLS

Working knowledge of: Standard trade practices of rough carpentry, structural steel fabrication and welding, concrete pouring and finishing, sandblasting and painting; basic engineering terminology; basic math; record keeping techniques; basic maintenance and repair techniques of mechanical equipment, truck; public and customer service techniques.

Considerable knowledge of: Operation, maintenance and minor repairs of moderately complex automotive or road maintenance equipment; state laws pertaining to operation of motor vehicles and equipment on roads and highways.

Skill to: Perform specialized work related to assigned section; perform manual work outdoors in adverse weather conditions; perform accurate, skilled work from oral or written instructions with a minimum of supervision; work effectively as part of a team or independently; provide training and guidance to lower level employees; establish and maintain effective working relationships with other County employees; maintain positive public relations at work sites; notice and report safety problems and simple maintenance needs; communicate effectively, both orally and in writing; operate vehicles and equipment effectively and safely; safely operate medium and heavy vehicles and equipment, including trucks, truck and trailer combinations, sanders and plows, tandem axle truck, boom truck, brush cutter, break down and finish roller, vactor, double and triple axle oil distributor, tandem axle flusher truck, snow blower, tractor/trailer, road grader and Gradall, dozer, crane, back hoe, front end loaders, atthey loader, chip spreader and other road maintenance vehicles and equipment as assigned; safely operate cutting torch, welding equipment, post hole digger, propane torch, hand and power tools and sign shop equipment; interpret road maps, schematics, and plans; operate computer software and related equipment;.

WORKING CONDITIONS

Duties require frequent to continuous standing, walking, squatting, kneeling, bending, twisting, balancing, digging, climbing, overhead reaching and repetitive grasping and fine motor manipulation. The ability to lift and carry up to 80 pounds, and push/pull 100 pounds. Duties also involve frequent to continuous exposure to loud noises, vibration, slippery and/or uneven surfaces, dust, fumes from exhaust, paint and welding, hot oil, asphalt, and chemicals, working

at heights, traffic and electrical hazards, and adverse weather conditions including extreme temperatures.

Incumbents may perform after-hours emergency response on a call-out basis.

MINIMUM QUALIFICATIONS

Minimum qualifications are used as a guide for establishing the minimum experience, education, licensure, and/or certifications required for employment in the classification. The following minimum qualifications are established for this classification. Additional minimum qualifications and special conditions may apply to a specific position within this classification and will be stated on the job announcement.

Experience: A minimum of 2 years of related experience that would provide the required knowledge and skills to perform the responsibilities of this position.

Licenses/Certifications:

The following licensure/certifications are required at the time of hire.

- Valid Class A Commercial Driver's License (CDL) with no restrictions in order to drive manual transmission, including tanker endorsement.

PRE-EMPLOYMENT REQUIREMENTS

Must pass a pre-employment drug test (DOT Regulations for CDL).

Employment is contingent upon passing a post-offer physical assessment. Accommodation requests will be reviewed on an individual basis in compliance with State and Federal legislation.

Driving is required for County business on a regular basis or to accomplish work. Incumbents must possess and maintain an acceptable driving record throughout the course of employment. Possession and maintenance of acceptable driving record in accordance with County's Driving/Vehicle Policy.

OTHER INFORMATION

The Transportation Maintenance Specialist 3 is part of a promotional career path. Incumbents in this classification are typically promoted from lower level classifications within the series through an internal recruitment and selection process.

Edited: 1/19