

CALIFORNIA DEPARTMENT OF TRANSPORTATION

DUTY STATEMENT

CLASSIFICATION TITLE CALTRANS HIGHWAY MAINTENANCE LEADWORKER	DISTRICT/DIVISION/OFFICE 09 - MAINTENANCE - SPECIAL CREWS	
WORKING TITLE SPECIAL CREWS LEADWORKER: STRIPING AND PAVEMENT MARKINGS	POSITION NUMBER 909-620-6285-XXX	EFFECTIVE

As a valued member of the Caltrans team, you make it possible for the Department to improve the mobility across California by being innovative and flexible: working cooperatively with team members and others; and treating others fairly, honestly and with respect. Your efforts are important to each member of the team, as well as those we serve.

GENERAL STATEMENT:

Working under the direction of Caltrans Maintenance Supervisor operates specialized types of equipment. This crew is responsible to perform striping, pavement marking, layout, sign repair and installation throughout District 09. These activities include inspections, inventory update, instillation, removal, cleaning and maintaining most types of traffic delineation and guidance.

TYPICAL DUTIES:

Percentage
Essential (E)/Marginal (M)

- 45% (E) Operate a variety of specialized trucks and equipment including but not limited to 3/4 ton trucks, tankers, 5th wheel tractors, trailers, dozers, forklifts, loaders, plows trucks, graders, ten wheel trucks, cone trucks and arrow boards. Also makes minor adjustments and emergency repairs to equipment when trained to do so.
- 40% (E) Perform various tasks associated with the maintenance of state highways. Maintains, calibrates, makes adjustments and cleans specialized paint equipment. Helps with scheduling of work, maintenance support and MAZEEP (Maintenance Zone Enhanced Enforcement Program). Monitor and order inventory, help with the equipment and preventative maintenance program. Will be expected to help with maintenance, traffic control, including flagging and other related duties. This position will require out of town travel and snow removal duty.
- 15% (E) Performs heavy physical labor associated with most all traffic Delineation and traffic guidance maintenance on the California State Highway Infrastructure. Specialized and common motorized equipment including hand tools will be used.

SUPERVISION EXECUTED OVER OTHERS:

This is a non-supervisory leadworker position. Will act on behalf of the supervisor in his/her absence.

KNOWLEDGE, ABILITY AND ANALYTICAL REQUIREMENTS:

Methods, materials and equipment used in pavement delineation. Principles of effective supervision, ability to analyze, evaluate and schedule work as conditions develop. Interpret blueprints and sketches. Operation, and care of trucks and specialized construction equipment. Must understand the mechanics of trucks and specialized equipment used in delineation. Follow oral and written instructions, keep accurate records, input and retrieve information from computers. Work in close cooperation with crewmembers, the public and outside agencies. Working knowledge of the IMMS (Integrated Maintenance Management System) program. Knowledge on scheduling of MAZEPP (Maintenance Zone Enhanced Enforcement Program). May perform other duties such as but not limited to paving operations and crack sealing. Must have working knowledge of safety practices, maintenance of highways, and structures. The ability to work safely around high-density, high-speed traffic during inclement weather.

Must be able to read and write English at a level required for successful job performance. Perform heavy manual labor, follow oral and written instructions, keep records, interpret blueprints and operate radio equipment.

SPECIAL QUALIFICATIONS:

Must possess an unrestricted valid Class B driver's license with N [Tank Vehicle] endorsement. (Class A with N and hazardous material endorsement is desirable).

CONSEQUENCE OF ERROR/RESPONSIBILITY FOR DECISIONS:

Errors may endanger co-workers the public and the environment. Error may also cause a waste of time and tax dollars through extra expense in the maintenance of highways, and or damage to State equipment and facilities. Failure to make timely and proper decisions could endanger human lives and property, resulting in lawsuits or cause Caltrans to violate its storm water permits.

PUBLIC AND INTERNAL CONTACTS:

Incumbent will be required to maintain good relations with members of the public and employees from the same and other departments within Caltrans, as well as outside agencies. May have contact with other public agencies and private individuals almost daily in the course of assignment. Contact may be with hostile public and employee is expected to maintain a favorable image for the State. At times may deal with the media.

PHYSICAL, MENTAL AND EMOTIONAL REQUIREMENTS:

May be required to work rotating or irregular shifts, including weekends, nights, and overtime. The above duties may also require prolonged stooping, bending, lifting, sitting, climbing or standing. May be required to work in extreme warm or extreme cold weather, and during inclement weather. Percentages may vary depending on crew, geography, and season.

Much of this position is labor intensive. Incumbent must have physical ability to react quickly to errant motorist and do strenuous hand and mechanical labor.

Note: For standing, walking and sitting, along with several other activities, typical duties are used as examples in various situations to give ranges for the activities. Generally, activities can be broken down into operating specialized equipment and light vehicles 50% of the time on a year-around basis. The remainder of the activity is labor.

Standing, Sitting and Walking are described to equal 100% of the work time for a given period such as a work shift. The following are various situations and percentages given to illustrate typical ranges of time spent sitting, standing and walking:

- A. Rainy day: worker is doing inventory and inspections sitting, walking, driving trucks 50% of the day. Standing and walking 25% of the day.
- B. Snowy day: Sitting and walking working on inventory, time, training, scheduling and Equipment preventative maintenance: Sitting operating large trucks, loaders, motor graders and snow blowers 55% of the day. Standing checking equipment, 10% of the day. Sitting and standing doing inventory 20% of the day.
- C. Cleaning specialized equipment Standing 10%. Bending 10%. Stooping 10% Walking 10%. Sitting 10% of the day.
- D. Loading and unloading equipment and tools: Sitting driving 20% of the day. Checking equipment walking 10% of the day.
- E. Flagging/pilot car, moving lane closure, lane closure operations, driving, sitting, standing, twisting and turning 95% of the day.

Moving (Floor to bench to Floor) – Items listed may be any of the following but not limited to, tire chains could weigh as much as 75 pounds per chain in the winter months these could be handled on a daily basis. Assist with the loading and unloading of a tire and rim, which could weigh over 75 pounds. Another example of lifting is shoveling asphalt or sand, each shovel full lifted weighs approximately 15 pounds and 1,000 to 1,500 pounds of sand or asphalt per day would normally be lifted. 80% of this lifting would be floor to waist and 20% lifted above the waist. Installing marker post, at least two feet into the ground, requires lifting up and pulling down the 60 pound driver 10 to 150 strokes per post, worker could install up to 40 markers per day.

Another type of lifting is light pickup loading of garbage bags with litter, which requires continuous bending and lifting.

Moving Material – Incumbent may be required to move bagged/boxed material, which can weigh from 50 to 100 pounds. Material may be moved from storage areas to vehicles and from vehicles to job sites, which may be on uneven terrain. Tools carried include picks, hoes, shovels, rakes, hoses, signs, standards, flags, cones, guide posts, etc. and may be carried on uneven terrain. Incumbent should ask for assistance when moving items over 50 pounds.

Overhead reaching – Overhead work includes pulling yourself up into many types of equipment from 0 to 30 times per day, pruning, holding up signs off a ladder, servicing equipment on a hoist, signaling other workers, and throwing/loading material in equipment.

Other Reaching – Setting cones, lubing and checking equipment, raking, shoveling, driving, using digging bar, shifting, holding signs picking up cones often done on a continuous basis over 60% of the work shift.

Pushing/Pulling – Shoveling, opening garage doors, hooking up trailers, installing plows, sanders, kettles, pulling on hoses, working cranks on equipment stands, tightening and loosening nuts on bolts. Installing and removing tires and chains pull down on post drivers. Pulling brush and limbs, animal carcasses, and pulling tire chains.

Twisting - The Employees twist while driving equipment and do so on a continuous basis, especially while backing up or turning around while operating a pilot car. Other twisting is done while working with small equipment, shoveling, raking and setting down and picking up traffic cones which weigh approximately 10 pounds each.

Climbing/Balancing – Climbing is done in and out of equipment, up and down banks, ladders, stairways, (often with a load of material or supplies) onto steps and walkways to do engine checks on equipment. One example would be to climb on a heavy equipment trailer to secure the load with chain binders.

Bending/Crouching/Squatting/Crawling – Employees often bends continuously throughout the day while operating equipment and performing physical labor. All of these activities are necessary when picking up and laying down tools and material. The Operator also crawls around and underneath equipment while checking and servicing equipment, putting on or removing snow chains and tightening or replacing grader blades.

Simple Grasping – This activity is necessary about 95% of the shift; climbing in/out and around equipment, operating equipment, using hand tools and handling materials.

Fine Manipulation – This occurs less than 2% of a day and usually while writing reports or manipulating the knobs and levers on the equipment. A higher percentage of the time would be operating a chain saw or similar equipment.

Importance of hearing and sight – both are essential on the job because the operator must hear directions and equipment, and must see in order to perform his/her duty safely.

Hearing should be adequate to hear warning devices used for worker safety, i.e. look out alarm devices, including vehicle horns used to warn employees of eminent danger at the work site. Corrected hearing is acceptable.

Sight needs to be corrected to the State of California Department of Motor Vehicles standards for safe vehicle driving.

WORK ENVIRONMENT:

This position may be required to work in extreme winter storm conditions in the mountains as well as very hot and humid desert conditions following summer thunderstorms.

Work schedule is anticipated to be four ten-hour days each week with Fridays off.

Required working in a wide range of sometimes-extreme conditions. Also may require confined space training.

Will be required to work overtime due to storms, emergencies, special work projects, or when the Supervisor deems that it is in the best interest of the State.

Personal safety requirements include:

- A. Work boots, in good and sturdy condition, must be worn to provide foot and ankle support protection.
- B. Either long or short sleeved shirts provided by Caltrans, or a safety vest is to be worn over non-safety shirts or coats.
- C. Long pants.
- D. Safety gear including; hard hat, safety glasses, hearing protection devices, face shields, gloves, respirator, chaps, or other safety gear provided by Caltrans must be worn when required.

This crew is assigned to work District-wide with out of town travel on a per diem basis averaging 80% of the time.

"I have read and understand the duties listed above and can perform them with/without reasonable accommodations. (If you believe you may require reasonable accommodations, please discuss this with the hiring supervisor who will discuss your concerns with the Reasonable Accommodation Coordinator.)"

EMPLOYEE (PRINT)

EMPLOYEE (SIGNATURE)

DATE

I have discussed with and provided a copy of this duty statement to the employee named above.

SUPERVISOR (PRINT)

SUPERVISOR (SIGNATURE)

DATE

Refer to "Typical Duties" to determine if a duty is essential or marginal.

If you believe you may require reasonable accommodation, please discuss this with the hiring supervisor. If you are unsure whether you require reasonable accommodation, inform the hiring supervisor who will discuss your concerns with the Reasonable Accommodation Coordinator.