

POSITION DUTY STATEMENT

DOT PM-0924 (REV 01/2025)

CLASSIFICATION TITLE	OFFICE/BRANCH/SECTION	
CT Hwy Maintenance Leadwkr	D2 / Maintenance & Operations / Field Maintenance	
WORKING TITLE	POSITION NUMBER	REVISION DATE
Highway Mtce Leadworker - UBIT Operator / Bridge Crew	902-692-6285	07/28/2026

As a valued member of the Caltrans team, you make it possible to improve lives and communities through transportation.

GENERAL STATEMENT:

Working under the supervision of a Caltrans Bridge Maintenance Supervisor in Special Crews, the UBIT (Under Bridge Inspection Truck) operator is a highly capable, responsible and professional employee operating a specialized piece of equipment usually at great heights above or below 100 feet on and in bridge structures, confined spaces, ladders, personnel hoists, platforms and catwalks positioned over highways or freeways. The UBIT operator will be responsible for the operation of aerial lift bridge inspection equipment for the purpose of providing access under structures for Bridge Engineers and Bridge Maintenance Crews. The incumbent will work effectively alone and with others. The incumbent assists in planning, performing, and directing the work of the assigned unit on a daily, weekly, and monthly basis. Operates equipment identified as Category 1 and Category 2 used by the assigned unit, and works individually or with a crew performing tasks related to highway maintenance work. Required to work with crews in the field and travel overnight. Required to work overtime, nights and weekends due to storms, emergencies, or special work projects, as determined by the Supervisor or Department. This position is represented under collective bargaining. A valid Class B driver's license with Tank endorsement is required; a valid Class A with Tank endorsement is desirable. This position requires statewide overnight travel as much as 48 weeks per year.

CORE COMPETENCIES:

As a CT Hwy Maintenance Leadwkr, the incumbent is expected to become proficient in the following competencies as described below in order to successfully perform the essential functions of the job, while adhering to and promoting the Department's Mission, Vision, Values, Strategic Imperatives and Goals. Effective development of the identified Core Competencies fosters the advancement of the following Leadership Competencies: Change Commitment, Risk Appetite, Self-Development/Growth, Conflict Management, Relationship Building, Organizational Awareness, Communication, Strategic Perspective, and Results Driven.

- **Creativity and Innovation:** Thinks beyond the confines of traditional models to recognize opportunities, seek creative solutions and take intelligent risks. (Safety, Climate Action, Employee Excellence - Innovation, Integrity, Stewardship)
- **Dealing with Ambiguity (Risk):** Can comfortably handle risk and uncertainty, as well as make decisions to act without having the total picture. (Safety, Climate Action, Employee Excellence - Collaboration, Innovation, Stewardship)
- **Ethics and Integrity:** Demonstrated concern to be perceived as responsible, reliable, and trustworthy. Respects the confidentiality of information or concern shared by others. Honest and forthright. Conforms to accepted standards of conduct. (Safety, Employee Excellence - Integrity, People First, Stewardship)
- **Problem-solving and Decision-making :** Identifies problems and uses logical analysis to find information, understand causes, and evaluate and select or recommend best possible courses of action. (Safety, Equity, Employee Excellence - Innovation, Integrity, Stewardship)
- **Relationship Building:** The ability to develop and maintain internal and external trust and professional relationships, which includes listening and understanding to build rapport. (Safety, Prosperity, Employee Excellence - Collaboration, Integrity, Stewardship)
- **Customer Focus:** Considers, prioritizes, and takes action on the needs of both internal and external customers. (Safety, Equity - Integrity, Stewardship)
- **Communication:** Expresses oneself clearly in all forms of communication. Gives feedback and is receptive to feedback received. Knows that listening is essential. Keeps others in the Division and other functional units informed as appropriate. (Safety, Employee Excellence - Collaboration, Integrity, People First)
- **Forward Thinking:** Anticipates the implications and consequences of situations and takes appropriate actions to be prepared for possible contingencies. Anticipates and prepares for future developments. (Safety, Climate Action, Employee Excellence - Equity, Integrity, Stewardship)
- **Thoroughness:** Ensures that work and information is complete and accurate. Ensures that assignment goals, objectives, and completion dates are met. Documents and reports on work progress. (Safety, Employee Excellence - Collaboration, Integrity, People First, Pride, Stewardship)

TYPICAL DUTIES:

Percentage
Essential (E)/Marginal (M)¹ Job Description

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50%	E	Operates an Under Bridge Inspection Truck (UBIT) in high and confined spaces. Coordinates bridge inspections with the Headquarters Division of Structures and the district. Provides pre-inspection safety training to bridge inspection staff which will include Bridge and Civil Engineers. Training will include proper use of safety equipment. When not operating the UBIT, the incumbent may be loaned to other crews. Uses laptop computer to create and submit reports and coordinate activities with Adobe Acrobat, Microsoft software such as Word, Outlook, and Teams, and Caltrans applications such as IMMS (Integrated Maintenance Management). Inputs data and time in IMMS. During the winter, leads the crew in snow removal and ice control activities. Leads and participates in work requiring the operation of Category 1 and Category 2 equipment used by the assigned unit (end-dump trucks, trucks with snow plows and sanders, front-end loaders, motor graders, snow blowers, & other related vehicles) to perform tasks related to highway maintenance work. Required to work overtime, nights and weekends due to storms, emergencies, or special work projects, as determined by the Supervisor or Department.
20%	E	Assists the Supervisor with the following tasks: schedules work of the crew, assures that all equipment is serviced and maintained properly, prepares monthly and yearly workload plans, recognizes deficiencies and hazards within the right-of-way. Leads and accomplishes the work tasks normally performed by the unit engaged in a wide variety of highway maintenance work, such as paving, shoulder grading, mowing, culvert and ditch cleaning, dig outs, pavement patching, crack sealing, sign and delineation installation, fence repair, traffic control, repair or replacement of guide markers and guardrail, traffic control, litter pick up, maintenance of roadside rest areas, and any other duties that would normally be assigned to a Caltrans Equipment Operator I, Caltrans Equipment Operator II, or Caltrans Highway Maintenance Worker. Operates highway maintenance trucks, cranes, personnel lift trucks, forklifts and other miscellaneous equipment. Required to work overtime, nights and weekends due to storms, emergencies, or special work projects, as determined by the Supervisor or Department. Determines (or assists the Supervisor in determining) equipment, personnel, and type and amount of material(s) needed for regular maintenance functions.
15%	E	Makes reservations for air travel, car rentals, and motel accommodations. Assists Division of Structures in the scheduling of the UBIT Aerial units. Provides on the job training in a wide variety of maintenance functions; observes the crew to be sure that work habits follow the Code of Safe Practices and Chapters 7 & 8; provides for the safety of the crew and the traveling public; conducts safety meetings. Attends and participates in required training and safety meetings that may require travel.
10%	E	Prepares and keeps written records and reports such as accident reports, daily time, production reports, equipment records, safety meeting logs and Job Hazard Analysis forms, crew report forms, pre- and post-operative equipment checks, fuel purchases/usage, and material usage reports. Makes inspection tours and checks equipment logs to ensure that all State and rental equipment are being used and maintained properly and safely.
5%	M	Sets and/or pickup traffic cones and lane closure materials. Cares for equipment by performing routine service and minor repairs and adjustments, performs emergency repairs, cleans equipment and documents all pertinent records.

¹ESSENTIAL FUNCTIONS are the core duties of the position that cannot be reassigned.
MARGINAL FUNCTIONS are the minor tasks of the position that can be assigned to others.

SUPERVISION OR GUIDANCE EXERCISED OVER OTHERS

This is a non-supervisory position, but as Leadworker, provides guidance with local or out-of-District Maintenance crews depending on work location. May be required to explain to various staff why they cannot deploy in a particular location. Fills in for Supervisor in the absence of the Caltrans Maintenance Supervisor or Caltrans Bridge Maintenance Supervisor, when directed.

KNOWLEDGE, ABILITIES, AND ANALYTICAL REQUIREMENTS

Must have a thorough knowledge of materials, methods, equipment, and tools used in highway, landscape, and structures maintenance and construction; the operation of a maintenance area; basic safe work practices; provisions of the California Vehicle Code as it pertains to the loading and operation of motor vehicles; Code of Safe Practices; Wildfire Mitigation; Maintenance Manual Volumes I and II; Caltrans Safety Manual; rules and regulations pertaining to highway, landscape, and facility maintenance and construction practices; Guide to Employee Conduct and Discipline; basic occupational safety and health regulations in Title 8 Industrial Relations Construction and General Industry Safety Orders; safety and health policies and

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procedures as contained in the Department's Injury and Illness Prevention Program and the leadworker's role in maintaining an effective Injury and Illness Prevention Program.

Must be able to work in high places and in confined spaces. Must be able to lift 50 pounds and accomplish miscellaneous labor work in connection with bridge maintenance and repair.

A working knowledge of the MOMS/IMMS/MMA (Maintenance and Operations Management Solution / Integrated Maintenance Management System / Materials Management & Acquisitions) Caltrans software program is desirable. A working knowledge of Adobe Acrobat, Microsoft software such as Word, Outlook, and Teams is desirable. The ability to learn the applications is required.

Must possess a valid, unrestricted Class B driver's license w/Tank endorsement; an unrestricted Class A license is desirable. The Class B or A license must not be restricted to only operate automatic transmission but must include manual transmission.

Must have the ability to work safely around high-density traffic; the knowledge of basic safe work practices to protect the safety and health of self, others, and the traveling public is required. Must have the ability to keep records of equipment use and servicing.

Must have the ability to lead and direct the work of subordinate members of the assigned unit. Must be able to analyze various work situations accurately and make sound decisions, and have the ability to work effectively alone or with others.

RESPONSIBILITY FOR DECISIONS AND CONSEQUENCES OF ERROR

Error may endanger co-workers and/or the public. Error may also cause a waste of time and waste of tax dollars through extra expense in the maintenance of highways, or damage to State equipment and facilities. Failure to make timely and proper decisions could endanger human lives and property, and increase the occurrence of lawsuits.

PUBLIC AND INTERNAL CONTACTS

Required to maintain good relations with members of the public and employees from the same and other Divisions within Caltrans, as well as other 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 public image for the State.

PHYSICAL, MENTAL, AND EMOTIONAL REQUIREMENTS

Employee may be required to sit for long periods of time using a keyboard, mouse, phone, and video display monitors. Must have manual dexterity to operate a computer and keyboard for preparation of reports and forms.

The majority of work in this position requires the incumbent to operate the Under Bridge Inspection Truck (UBIT) which is a specialized piece of equipment. The employee will be required to sit for long periods of time while manipulating levers/gears in positioning the inspection equipment. Must be able to react quickly and appropriately, and make sound decisions.

Employee must be able to follow supervisor's instructions; refrain from insubordination; work cooperatively and get along with supervisors, peers and subordinates; avoid violent behavior; understand and follow Caltrans policies; and avoid disruptive or harassing behavior.

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 equipment 60% of the time on a year-round 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 where worker is digging out clogged ditches and drains: Standing and walking using hand tools - 40% each; Sitting and driving - 50%
- B. Snowy day: Sitting and operating large trucks, loaders, motor graders and snow blowers - 90%; walking and standing and checking out equipment - 10%
- C. Crack sealing: Standing and walking - 95% of the day
- D. Chip sealing: Standing, operating truck, loader, spreader - 80% to 90% of day
- E. Paving: Operating trucks, motor graders, loaders, pavers - 45% of day. Standing and walking, raking and shoveling - 45% of day.
- F. Litter pickup/patrol: Lifting, walking and climbing in/out of vehicle - 95% of day.

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G. Flagging/Pilot Car/Lane Closure Operations: Standing, twisting and turning, and sitting - 95% of the day
Lifting (Floor to bench to Floor) - Items listed may be any of the following but not limited to: Drop inlet lids which may weigh up to 100lbs, vactor related attachments and tools which may weigh up to 80lbs, tire chains for vehicles, which may weigh as much as 75 lbs. per chain. In the winter months these could be handled on an everyday basis; a post driver which weighs approximately 60 lbs.; assist with the loading and unloading of a tire in a rim which can weigh over 75 lbs.

Another example of lifting is shoveling asphalt. Each shovel full lifted weighs approximately 15 lbs., and 1,000 to 1,500 lbs. 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 lb. driver 10 to 150 strokes per post, worker could install up to 40 markers per day.

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

Carrying - Bagged/boxed material, which may weigh 50 to 100 lbs., must be carried from storage areas to vehicles and from vehicles to job sites, which may be on uneven terrain. Tools are carried a few feet to 100 yards and weigh a few ounces to 50 lbs. each. Tools carried include picks, hoes, rakes, hoses, signs, standards, flags, cones, guide posts, etc., and may be carried on uneven terrain.

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 the lube 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; pulling down on post drivers. Pulling brush and limbs, animal carcasses, and pulling chains.

Twisting - The Operator twists while driving equipment and does so on a continuous basis, especially while backing up or turning around. Other twisting is done while dragging brush, shoveling, raking and setting down and picking up traffic cones which weigh 10 lbs.

Climbing/Balancing - Climbing is done in and out of equipment, up and down banks and slopes, using 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 - The Operator 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, and/or 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 using a saw or similar equipment.

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

Hearing must be adequate to hear warning devices used for worker safety, as in look out alarm devices, including vehicle horns used to warn employees of imminent danger at the work site. Corrected hearing is acceptable. Hearing protection must be worn at all times around the vactor and other loud machines and equipment. There may be hearing testing on an annual basis. Sight needs to be corrected to the State of California Department of Motor Vehicles standards for safe vehicle driving, including at night. Night vision must be adequate to remain safe and aware of surroundings when working after dark.

WORK ENVIRONMENT

When working indoors in an office setting, employee will work in a climate-controlled environment under artificial lighting. However, due to periodic problems with the heating and air conditioning, the building temperature may fluctuate.

Required to work in a wide range of sometimes extreme conditions, including heat up to 120 degrees, cold to -15 degrees, strong

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winds, rain, sleet, and snow. During the winter months the workweek is normally 5/8-hour days. During the summer months the workweeks may be changed to 4/10-hour days. The scheduling of the 5/8 days or the 4/10 days is at the discretion of the District Management and pursuant to operational needs. Required to work overtime, nights and weekends due to storms, emergencies, or special work projects, as determined by the Supervisor or Department. The incumbent is expected to respond to emergency situations and calls. Required to work at great heights and in confined spaces; required to perform work above or below 100 ft. on bridge structures, ladders, personnel hoists, platforms and catwalks positioned over highways or freeways.

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. No shorts or cutoffs.
- D. Provided safety gear; hard hat, safety glasses; hearing protection devices, face shields, gloves, respirator, chaps, and/or other safety gear must be worn when required by the Department.

This is a designated travel position and works out of town on a per diem basis up to 80% of the year. This position requires statewide overnight travel as much as 48 weeks per year.

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.

I have read, understand and can perform the duties listed above. (If you believe you may require reasonable accommodation, please discuss this with your 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.)

I agree that by providing my electronic signature for this form, I agree to conduct business transactions by electronic means and that my electronic signature is the legal binding equivalent to my handwritten signature. I hereby agree that my electronic signature represents my execution or authentication of this form, and my intent to be bound by it.

EMPLOYEE (Print)

EMPLOYEE (Signature)	DATE
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I have discussed the duties with, and provided a copy of this duty statement to the employee named above.

SUPERVISOR (Print)

SUPERVISOR (Signature)	DATE
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