

JOB TITLE: Utility WorkerII
EMPLOYEE:

DOT #: 899.684-014
CLAIM #



King County

KING COUNTY ON SITE JOB ANALYSIS

JOB TITLE Utility Worker II

JOB CLASSIFICATION Utility Worker II

DOT TITLE Highway-Maintenance Worker

DOT NUMBER 899.684-014

DEPARTMENT Transportation

DIVISION Roads Services

OF POSITIONS IN THE DEPARTMENT WITH THIS JOB TITLE 75

JOB STATUS

Full Time, Career Service.

ADDRESS OF WORKSITE

155 Monroe Avenue North
Renton, WA 98056-3819

CONTACT'S NAME Jerry Tracy

CONTACT'S JOB TITLE Supervisor

CONTACT'S PHONE 206-296-8179

DATE COMPLETED 8/12/03

VRC NAME Jeff Casem

DATE REVISED 5/12/09

WORK HOURS

8 hours per day five days per week, 7:00am-3:30pm during winter months. 10 hours per day Monday through Thursday 6:00am-4:30 during summer months.

OVERTIME

Required on an emergency basis and during inclement weather or on special projects. Overtime hours vary upon business demand and can be up to 40-200 hours per year.

Fair Labor Standards Act Non-Exempt (hourly).

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JOB DESCRIPTION

Perform physically demanding, limited skilled work in a wide variety of weather conditions. Duties encompass installation and maintenance of drainage systems, repair and minor construction of road surfaces, shoulders, bridges, and vegetation control. Work is performed in a crew setting using a variety of tools and materials.

ESSENTIAL ABILITIES FOR ALL KING COUNTY JOB CLASSIFICATIONS

1. Ability to demonstrate predictable, reliable, and timely attendance.
2. Ability to follow written and verbal directions and to complete assigned tasks on schedule.
3. Ability to read, write & communicate in English and understand basic math.
4. Ability to learn from directions, observations, and mistakes, and apply procedures using good judgement.
5. Ability to work independently or part of a team; ability to interact appropriately with others.
6. Ability to work with supervision, receiving instructions/feedback, coaching/counseling and/or action/discipline.

JOB SPECIFIC REQUIREMENTS

Minimum of two (2) year experience in construction, road maintenance, or other heavy manual labor areas or completion of a recognized vocational trades program and six (6) months experience in construction, road maintenance, or other heavy manual labor areas. Knowledge in the use and care of hand tools used in construction, road maintenance, or other heavy manual labor areas. Knowledge of safety procedures for construction, road maintenance, or other heavy manual labor areas. Must have oral and written communication skills as well as the ability to follow verbal and written instructions. Must have the ability to lift, carry, move, or handle up to 50 pounds as well as the ability to perform duties involving physical labor including bending, kneeling, standing, reaching, climbing, stooping, squatting, pushing, and twisting. Must have the ability to perform work outdoors and in inclement weather and the ability to work in a team environment. Ability to have predictable and reliable attendance. Must possess a valid driver's license from the state of Washington upon start date. Successful completion of a pre-employment physical examination is required.

ESSENTIAL FUNCTIONS Listed in order of importance

1. Provide proper traffic control by flagging or placing signs, cones, and barricades as appropriate to ensure crew and public safety.
2. Perform road maintenance tasks such as asphalt overlay prep and repair, shoulder maintenance, etc.
3. Perform assigned drainage structure repairs and minor construction, including pipes, catch basins and manholes as well as the cleaning of ditches, gutters, catch basins, culverts, and drainage tiles.
4. Properly plant vegetation and cuttings; cut and remove brush.
5. Assist in spraying hydro seeder solutions to maintain County right of ways.

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6. Assist in the operation of Vactor equipment.
7. Shovel snow, gravel, asphalt, and dirt; rake asphalt and tar pavement joints.
8. Dig postholes and set posts.
9. Maintain building facilities.
10. Read road maps and construction blueprints.
11. Lift, carry, move, or handle up to 50 pound bags, tools, equipment, and other objects to complete any of the above-referenced functions.
12. Respond courteously to general public.

NON-ESSENTIAL FUNCTIONS

1. Participating in safety committees.
2. Researching products tools, and methods on a computer.

TOOLS, MACHINES, EQUIPMENT, PRODUCTS, AND SERVICES USED

Shovel, broom, hoses, pressure washer, pickup truck, forklift, pump, cart, drill, hand tools, grinder, sawsall, handsaw, skill saw, chainsaw, pneumatic air wrench, jackhammer, hand roller, compactors, whacker, hoist, back hoe, wrenches, hacksaw, computer, edge trimmer, blower, power lawnmower, riding lawnmower, hard hat, eye protections, hearing protection, breathing protection (half face respirator with HEPA filter), weed eater, lutes (for raking asphalt), safety vest, prybars, hammer, gloves, chaps for chain saw, power pole trimmer, wheel barrow, two-way radio, pump, generator, tie wire, ax, tripod signs, hay bails, rocks, logs, erosion control equipment, pitchfork and various litter items at work sites such as tires and batteries.

PHYSICAL DEMANDS AS JOB IS TYPICALLY PERFORMED

Continuously = occurs 66-100% of the time

Frequently = occurs 33-66% of the time

Occasionally = occurs 1-33% of the time

Rare = may occur less than 1% of the time

Never = does not ever occur (such demands are not listed)

This job is classified as

Very Heavy

Standing

Health Care Provider initials if restricted _____

Frequently on flat linoleum, flat cement, steep inclines, uneven ground, thick vegetation and wet/slippery surfaces, for up to 10 minutes at a time for up to 6 hours total in a work shift. Most commonly occurs while shoveling, flagging, using a chain saw and sawing materials.

Walking

Health Care Provider initials if restricted _____

Frequently on flat linoleum, flat cement, steep inclines, uneven ground, thick vegetation and wet/slippery surfaces for distances of up to ½ mile for 30 minutes at a time for up to 6 hours total in a work shift. Most commonly occurs while moving from building to building, following belt loader and walking from one end

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of a job site to the other as well as participating in grinding and shoulder operations.

Sitting

Health Care Provider initials if restricted_____

Continuously on an automobile seat, truck tailgate, the ground, pipe, office chair or conference room chair for up to 2 hours at a time for up to 9 hours total in a work shift. Most commonly occurs while driving to and from work sites, driving during inclement weather, participating in plowing and sanding, performing computer duties, operating riding lawnmowers and operating a forklift as well as attending training and meetings.

Climbing stairs

Health Care Provider initials if restricted_____

Rare for up to 30 seconds at a time while climbing up to 1 flight at a time for up to 2 minutes total in a work shift. Most commonly occurs while entering and exiting various County facilities and going to and from the Crew Chief office as well as accessing files and safety equipment in a storage facility.

Climbing

Health Care Provider initials if restricted_____

Occasionally on steep inclines, uneven ground, thick vegetation, wet/slippery surfaces and ladders to heights of 40 feet for up to 5 minute at a time for up to 2.5 hours total in a work shift. Most commonly occurs while traversing riverbanks and planting willow trees along riverbanks.

Balancing

Health Care Provider initials if restricted_____

Continuously on wet/slippery surfaces, uneven ground, steep slopes and ladders for up to 3 hours at a time for up to 7 hours total in a work shift. Most commonly occurs while traversing a hillside with thick vegetation, a catwalk on a sanding truck, ditches, manholes and stockpiles as well as when using a chainsaw.

Bending/Stooping

Health Care Provider initials if restricted_____

Frequently on wet/slippery surfaces, uneven ground and steep slopes for up to 10 minutes at a time for up to 6 hours total in a work shift. Most commonly occurs while weeding, wrapping hoses, shoveling, using a chainsaw, posthole digging, laying pipe and ditching.

Kneeling

Health Care Provider initials if restricted_____

Frequently on wet/slippery surfaces, uneven ground and steep slopes for up to 10 minutes at a time for up to 6 hours total in a work shift. Most commonly occurs while weeding, shoveling, mudding basins, securing bands on pipes, performing small equipment repair and planting.

Crouching

Health Care Provider initials if restricted_____

Frequently on wet/slippery surfaces, uneven ground and steep slopes for up to 5 minutes at a time for up to 6 hours total in a work shift. Most commonly occurs

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while weeding, shoveling, mudding basins, securing bands on pipes, performing small equipment repair and planting.

Crawling

Health Care Provider initials if restricted_____

Rare on flat cement surfaces and dirt for distances of up to 120 feet for up to 10 minutes at a time for up to 10 minutes total in a work shift. Most commonly occurs while inspecting the interior of pipes.

Operating Controls with Feet

Health Care Provider initials if restricted_____

Continuously for up to 2 hours at a time for up to 8 hours total in a work shift while driving a truck, pickup, mower and forklift.

Reaching above shoulder height

Health Care Provider initials if restricted_____

Occasionally for up to 5 minutes at a time for up to 2 hours total in a work shift while trimming, pruning, operating a chainsaw, working in manholes and working on pipes.

Reaching at waist to shoulder height

Health Care Provider initials if restricted_____

Continuously for up to 2 hours at a time for up to 8 hours total in a work shift while driving a vehicle, using a weed eater, pressure washing, and operating hand and power tools.

Reaching at knee to waist height

Health Care Provider initials if restricted_____

Continuously for up to 1 hour at a time for up to 8 hours total in a work shift while using a wheelbarrow, shoveling, operating a weed eater, securing bands on pipes and logs, raking and pressure washing.

Reaching at floor to knee height

Health Care Provider initials if restricted_____

Frequently on wet/slippery surfaces, uneven ground and steep slopes for up to 5 minutes at a time for up to 6 hours total in a work shift. Most commonly occurs while weeding, shoveling, mudding basins, securing bands on pipes, performing small equipment repair and planting.

Lifting 1-10 pounds

Health Care Provider initials if restricted_____

Frequently for up to 1 hour at a time for up to 4 hours total in a work shift. Most commonly occurs with weights of 7-8 pounds while pressure washing, raking, shoveling and using hand tools.

Carrying 1-10- pounds

Health Care Provider initials if restricted_____

Frequently for distances of up to ½ mile for up to 4 hours at a time for up to 4 hours total in a work shift. Most commonly occurs with weights of 3-8 pounds

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while transporting tools, carrying a 2-way radio, and transporting the inclinometer.

Lifting 11-20 pounds

Frequently for up to 1 hour at a time for up to 4 hours total in a work shift. Most commonly occurs with weights of 15-17 pounds while shoveling as well as loading and unloading hoses, buckets, and power tools.

Carrying 11-20 pounds

Frequently for distances of up to 150 feet for up to 1 hour at a time for up to 4 hours total in a work shift. Most commonly occurs with weights of 15-17 pounds while transporting tools to and from the work truck and work site.

Lifting 21-50 pounds

Occasionally for 1 minute at a time for up to 1 hour total in a work shift. Most commonly occurs with weights of 30-50 pounds while loading and unloading ladders, bags of salt, straw bails, bags of concrete, toolboxes, water jugs, sandbags, logs and rocks.

Carrying 21-50 pounds

Occasionally for distances of up to ½ mile for up to 10 minutes at a time for up to 1 hours total in a work shift. Most commonly occurs with weights of 30 pounds while carrying equipment to and from worksites.

Lifting 51-100 pounds

Rare for up to 30 seconds at a time for up to 45 minutes total in a work shift. Most commonly occurs with weights of 60-80 pounds while lifting manholes, drainage grates, bags of concrete, bags of asphalt, bricks, logs, rocks, fuel canisters, sandbags, erosion control equipment, water logged hay bails, tires and batteries. There is assistance available for this lifting.

Carrying 51-100 pounds

Occasionally for distances of up to 50 feet for up to 1 minute at a time for up to 1 hour total in a work shift. Most commonly occurs with weights of 60-80 pounds while carrying bags of concrete, bags of asphalt, bricks, logs, rocks, fuel canisters, sandbags, erosion control equipment, water logged hay bails, tires and batteries. The employee also performs two-man pipe carrying.

Lifting 100+ pounds

Rare for up to 15 seconds at a time for up to 5 minutes total in a work shift. Most commonly occurs 1 time per year with weights of 120 pounds while lifting a pump, curb basin lids, manhole lids, dumped appliances and a generator. There is assistance available for this lifting.

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Pushing and Pulling

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Occasionally for distances of up to 100 feet for up to 1 minute at a time with a force of up to 10-100 pounds for up to 8 hours total in a work shift while pushing and pulling brooms, shovels, rakes, push mower, wheelbarrow, pump, generator, sled compactor, hand roller, pruning saw, chainsaw, hand tools and cart.

Handling

Health Care Provider initials if restricted _____

Continuously for up to 3 hours at a time for up to 9 hours total in a work shift while pressure washing, raking, driving, digging, and using power and hand tools such as a compactor or chainsaw.

Operating Controls with Hands

Health Care Provider initials if restricted _____

Continuously for up to 2 hours at a time for up to 8 hours total in a work shift while pressure washing, driving, weed eating, mowing, operating power tools and using hand tools.

Fingering

Health Care Provider initials if restricted _____

Occasionally for up to 5 minutes at a time for up to 1 hour total in a work shift while writing, keyboarding, performing small engine repair, conducting paperwork, assembling hand tools, using small hand tools and manipulating tie wire.

Feeling

Health Care Provider initials if restricted _____

Continuously for 1 hour at a time for up to 7 hours total in a work shift while feeling pipes, pumps and equipment for overheating as well as identifying equipment failure, mudding basins and performing manhole repair.

Talking

Health Care Provider initials if restricted _____

Occasionally for up to 5 minutes at a time for up to 1 hour total in a work shift while attending meeting, conversing with superiors and co-workers, ordering parts, and using the 2-way radio.

Hearing

Health Care Provider initials if restricted _____

Continuously for up to 3 hours at a time for up to 9 hours total in a work shift while driving as well as listening for moving machines, back-up sirens, alarms, faulty machinery, and other safety hazards.

Tasting/Smelling

Health Care Provider initials if restricted _____

Continuously for up to 3 hours at a time for up to 9 hours total in a work shift while smelling for chemicals, burning motors, fuels, fumes and leaks in the work area, especially when working in a confined space such as a manhole.

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Near acuity—clarity of vision at 20 inches or less

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Continuously for up to 3 hours at a time for up to 8 hours total in a work shift while reading gauges, instructions, and checklists as well as when using hand tools.

Far acuity—clarity of vision at 20 feet or more

Health Care Provider initials if restricted _____

Continuously for up to 3 hours at a time for up to 9 hours total in a work shift while driving and watching for safety hazards as well as when flagging.

Depth perception—three dimensional vision

Health Care Provider initials if restricted _____

Continuously for up to 3 hours at a time for up to 9 hours total in a work shift while driving and watching for safety hazards.

Field of vision—observing an area that can be seen up and down or right or left while eyes are fixed on a given point

Health Care Provider initials if restricted _____

Continuously for up to 3 hours at a time for up to 9 hours total in a work shift while driving and watching for safety hazards.

Night vision--seeing after sundown with minimal or no supplemental light sources

Health Care Provider initials if restricted _____

Rare for up to 2 hours at a time for up to 6 hours total in a work shift while driving or working at night or before sunrise. Most commonly occurs during emergency call outs when there is inclement weather such as snow and ice.

TEMPERAMENTS

Directing, controlling, or planning activities of others: Rare

Performing repetitive or short-cycle work: Continuously

Performing a variety of duties: Continuously

Working alone or apart in physical isolation from others: Frequently

Attaining precise set limits, tolerances, and standards: Occasionally

Working under specific instructions: Continuously

Working with others: Continuously

Making judgements and decisions: Occasionally

ENVIRONMENTAL FACTORS

Work is performed in a construction or rural setting where the worker is exposed to or in close proximity to heavy operating machinery, high voltage, sewage, adverse weather conditions, confined spaces, uneven surfaces, cat walks/metal grating, noxious or toxic gasses and chemicals, as well as loud noises. The employee has the potential to be exposed to dumped or abandoned materials

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such as methamphetamine labs and batteries. The noise level is quiet to very loud. Hearing protection, eye protection, breathing protection and hard hats are required in some areas.

Workers are exposed to

- Outside weather: Continuously
- Extreme heat: Occasionally
- Extreme cold: Occasionally
- Wet: Frequently
- Humidity/dampness: Frequently
- Fumes: Rare
- Odors: Rare
- Dusts: Occasionally
- Mists: Occasionally
- Gases: Rare
- Poor ventilation: Rare
- Moving mechanical parts: Continuously
- Vibration: Occasionally
- Working in high, exposed places Frequently
- Toxic or caustic chemicals: Rare
- Working with Explosives: Rare

POTENTIAL MODIFICATIONS:

Signature & title of evaluator

Date

Signature & title of contact

Date

Signature & title of employee

Date

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HEALTH CARE PROVIDER SECTION
Check all that apply

The employee is released to perform the described duties without restrictions on performance or work hours.

The employee is released to perform the described duties on a reduced schedule. The recommended schedule is:

 Temporary until _____ Permanent as of _____

The employee is released to perform the described job with the following modifications:

 Temporary until _____ Permanent as of _____

The employee is not released to perform the described duties due to the following job functions:

 Temporary until _____ Permanent effective _____

The employee is unable to work in any capacity.
A release to work is: anticipated by _____ Not expected

The limitations are due to the following objective medical findings:

Printed or typed name and phone number of Health Care Provider

Signature of Health Care Provider

Date