**Class Summary**

The responsibilities of this classification include performing skilled journey-level trades work to troubleshoot, diagnose, maintain, repair, upgrade and conduct comprehensive preventive maintenance on track, structures and associated items, such as direct, embedded and ballasted track; special track work; track switches; aerial and tunnel structures and supports; retaining walls; fencing; and associated equipment and components.

**Distinguishing Characteristics**

This is a single level classification. Work is performed with minimal direction and guidance. Incumbents in this classification apply knowledge and experience in a journey level skilled trades classification to repair and maintain the tracks, structure and associated items for light rail or streetcar infrastructure.

This classification is distinguished from other skilled trades maintenance classifications in that Rail Track and Row Maintainers are assigned specific duties associated with maintaining the track and structure systems for the light rail or streetcar system.

**Examples of Duties**

1. Conduct component and system fault diagnosis, inspection, testing, modification, maintenance and repair of assigned equipment and systems. Inspect, repair and maintain equipment and components such as ties, track, ballast, crossing panels, track switches, track fixation, crossovers, track frogs, aerial structures, tunnel structures, retaining walls, drainage structures, fencing, and associated equipment and components.
2. Participate in the development and implementation of a comprehensive preventative maintenance program for track, structures and associated features of the light rail or streetcar system ; prepare records and document maintenance and diagnostic data.
3. Operate switch machines under revenue and non-revenue conditions.
4. Operate common and specialized tools and equipment to perform inspection, maintenance and repair tasks.
5. Set up work zone traffic control areas; flag trackway to provide safe rail work zones.
6. Respond to emergency situations. Prioritize and determine work priorities for emergency maintenance tasks in the absence of on-site supervision.
7. Plan, schedule and coordinate maintenance activities and work with other trades and divisions; assist other trades as necessary.
8. Operate specialized vehicles and equipment including hi-rail and aerial lift equipment.
9. Perform snow and ice removal.
10. Perform other duties as assigned.

**Knowledge/Skills**

Advanced knowledge of and journey level skill in track and structures maintenance work for electrified light rail or streetcar systems or equivalent skill in a comparable field

Knowledge of codes and compliance requirements for light rail or streetcar track and structures

Knowledge of industrial safety standards and procedures including working from mechanical lift devices, support structures and poles

Knowledge of traffic safety techniques and procedures with establishing maintenance and repair work sites

Advanced skill in mechanical applications such as fixed track and structures

Skill in working with computer software and hardware associated with maintenance work orders and assignments

Skill in working with concrete

Skill in reading and interpreting blueprints, schematics and drawings

Skill in verbal and written communication

Skill in problem solving and analyzing data to solve common and complex problems

Ability to work within confined or high spaces

Ability to work outdoors and inclement weather

Ability to effectively engage in and sustain relationships with people from diverse cultures and socio-economic backgrounds

Ability to work independently and as a team member

Demonstrated proficiency with business applications, such as Microsoft Office suite

**Education and Experience Requirements**

Previous experience with track and structures maintenance work

Any combination of education and experience that clearly demonstrates the ability to perform the job duties of the position

**Licensing, Certification and Other Requirements**

Valid Washington Class B CDL w/endorsements and the ability to obtain Hi-Rail, Forklift, Aerial Lift, Confined Space and First-Aid/CPR

Additional licenses, certifications and other requirements determined to be necessary to meet the business needs of the employing unity may be required

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| **FLSA Designation** | Non-Exempt |
| **Service Status** | Career Service |
| **EEO Code** | 8 |
| **Levels within same series** | Rail Track and Row Maintainer  Rail Track and Row Maintainer - Lead |
| **Class History** | 06/2007 – Created  01/2008 – Changed font and format  07/2016 – Updated content |