**Class Summary**

The responsibilities of the County Road Engineer (CRE) classification include serving as the steward of the Road Services Division’s project implementation quality and as an advisor on road related transportation policy issues. The duties and responsibilities of the position are required by Washington State RCW 36.75.020 – County Roads – County legislative authority as agent of state – Standards. The incumbent plays a key administrative and strategic role with overall program management responsibility for large, complex, multi-year capital improvements projects and serves as the county official for King County road and bridge work and as an advisor on road related transportation policy issues.

**Distinguishing Characteristics**

This is a single level classification. The incumbent is responsible for overseeing programs and staff involved in road, bridge and traffic engineering programs and projects. The incumbent is responsible for providing professional leadership that will ensure program vision and delivery, project management and technical quality; developing and implementing policies and operating procedures through multiple subordinate managing engineers and supervisors. This classification will be involved with developing the division’s transportation priorities, strategic plan, and work programs. The role of the County Road Engineer (CRE) is to ensure the county delivers projects in a timely, efficient manner, and that transportation priorities are addressed, as well as expending public funds appropriately within available resources.

**Examples of Duties**

1. Provide leadership in workplace policies, public services and professional development; develop and implement policies and procedures.
2. Provide oversight and legislative accountability for all engineering functions for county roads and bridges.
3. Provide oversight and legislative accountability for all work on county roads and bridges.
4. Provide summary of the annual revenues and expenditures for construction programs and the six year Capital Improvement Program (CIP).
5. Lead the development of new initiatives, efficiencies, operational methods and long-range plans.
6. Review and ensure statutory compliance for the performance and accounting of the RSD’s Maintenance work programs and expenditures.
7. Represent the county on internal and external committees; participate as a member of the Roads Division management team.
8. Stamp and sign engineering designs as Professional Engineer of record or CRE as needed.
9. Collaborate with the Roads Division Director to develop strategic planning initiatives and priorities and manage resources required to meet them.
10. Direct acquisition of information, data and analyses needed both from section staff and others within the division/department as required.
11. Create and deliver presentations and briefings on issues, programs and projects to managers, department, division, Executive, County Council, other agencies and the public.
12. Review and resolve issues related to requests requiring technical, political, policy and field knowledge; make recommendations on settlements for claims filed against the section.
13. Provide information to and work with elected officials on road and bridge concerns, issues, projects, programs and funding.
14. Provide testimony and technical assistance to the King County Prosecuting Attorney; provide expert testimony in litigation.
15. Provide information to citizens and resolve complaints regarding activities.
16. Perform other duties as assigned.

**Knowledge/Skills**

Knowledge of engineering principles in transportation planning, design, project management, traffic engineering, capital project design, field engineering, road maintenance, construction management and environmental impacts

Knowledge of roadway and bridge design, drainage systems, erosion control and facilities

Knowledge of public works emergency response activities

Advanced knowledge of federal, state and local laws, regulations, and procedures related to civil engineering, transportation planning and personnel labor practices

Advanced knowledge of human resources management techniques, principles, and practices; skill in managing and evaluating staff

Knowledge of operating and capital budgeting procedures and processes; development, monitoring and administration

Knowledge of principles and techniques in strategic planning, project management including resource and budget allocation, and organizational and time management and the application of best practices

Knowledge of project management and planning techniques to establish the direction, ensure milestones are met and make decisions regarding competing internal and external interests

Advanced skill in interpreting, advising, explaining and applying pertinent laws, rules, regulations, policies and guidelines

Skill in team building and working with others in achieving common goals and objectives including identifying and evaluating alternative program elements and solutions

Advanced skill in oral communication including making formal presentations to diverse audiences

Advanced skill in written communications including effective brief, paper and technical report writing

Advanced skill in interpersonal relations including facilitation, negotiation, and conflict and dispute resolution

Skill in working with management and elected officials across multiple organizations

Ability to manage multiple complex, highly visible and politically sensitive projects and competing priorities

Ability to develop and maintain effective working relationships with all levels of management, internal and external staff members, and outside agencies

Ability to work independently and as a team member

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

Strong computer skills, including Microsoft Office suite (Outlook, Word, Excel, and PowerPoint)

**Education and Experience Requirements**

Bachelor’s degree in Civil Engineering and Professional Engineering work experience in planning, design, construction and maintenance management of transportation systems

Progressive experience in management, policy development, financial management, inter/intra-governmental relations and labor relations

OR any combination of education and experience that clearly demonstrates the ability to perform the job duties of the classification

**Licensing, Certification and Other Requirements**

Valid Washington State Driver License

Registration as a Professional Engineer with qualifications in Civil Engineering in the State

of Washington

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| **FLSA Designation** | Exempt (Administrative) |
| **Service Status** | Career Service |
| **EEO Code** | 2 |
| **Levels within same series** | None |
| **Class History** | Created (6/1995)  Updated 12/2011  Updated 1/2016 |