



# DEPARTMENT OF TRANSPORTATION

## Senior Engineer (TMS System) | Up to \$111,186/annually

Are you looking for an exciting opportunity to get your foot in the door with State of Minnesota? If so, come join our MnDOT team at our **Water's Edge location in Roseville, MN!**

**\*When you start a career with us, you may be eligible for a hiring bonus of \$5,000! Current MnDOT employees who refer a hired candidate may be eligible for a referral bonus of \$1000! The selected candidate may also be eligible for relocation expenses.**

*The employee will have the flexibility to work in the office or a hybrid schedule after probation. After probation, the employee will be required to report onsite at least once a week but may be required to work onsite more depending on business needs. If working a hybrid schedule, the employee will be required to make a telework arrangement with their supervisor.*

**WHY WORK FOR US? Click here to check us out:** <https://mn.gov/mmb/careers/why-work-for-us/>

**WHAT'S IN IT FOR YOU?** We offer excellent employee benefits. Here are some of our amazing benefits:

**Health & Wellness:** Medical, dental, prescription drug, & vision coverage with affordable dependent coverage; Health & dependent care spending accounts; Employee Assistance Program (EAP), health & well-being resources

**Financial Well-Being:** Public pension plans, deferred compensation plan & health care savings plan; Life, short & long-term disability, AD&D insurance & paid parental leave

**Professional Development:** Tuition assistance, employee education, leadership development

**Work/Life Balance:** Vacation & sick days including 11 paid holidays + 1 floating holiday, leave of absence

**At-Work Benefits:** Employee Resource Groups, employee recognition, employee activities, fitness center at Central Office

Our **TMS (Traffic Management System) Senior Design Engineer** position provides management, support, and coordination within the MnDOT RTMC's ITS (Intelligent Transportation System) TMS engineering unit by performing expert level technical engineering tasks to prepare detailed project plans; project specifications; and project cost estimates for construction of the TMS network. Plan content includes design of fiber optic cable/conduit, electrical power conductors/conduit, large message signs, cameras and vehicle detection poles, control and power cabinets, and design of other TMS infrastructure.

A summary of principal responsibilities and tasks is as follows:

- Prepare, design, review, and certify their own and other's plans, special provisions, quantity/cost estimates, and supplemental documentation in the creation of a freeway TMS construction set.
- Perform power load and power conductor sizing using design tables and calculations if necessary.
- Create and Manage Consultant Contracts and review their design plans, special provisions, and estimates.

**Here are the minimum qualifications:**

- Licensure as a professional civil engineer with the Minnesota Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geoscience, and Interior Design (AELSLAGID) or ability to obtain

licensure through Comity (Reciprocity). (If obtaining licensure through Comity, a temporary permit from AELSLAGID must be provided to MnDOT HR prior to starting employment.)

- Knowledge of creating plans using AutoCAD, Bentley Microstation or Bentley OpenRoads.
- Experience in project management sufficient to prioritize and schedule multiple projects to meet letting schedules and to manage budgets and staff.
- Knowledge of MnDOT standards and federal, state, and local laws, regulations, policies and codes as they relate to transportation system planning, design, construction, maintenance and operation.
- A valid Class D Driver's License.

***NOTE: This vacancy was previously posted and is being reposted for additional applications.***

**APPLY ONLINE BY 7/29/2024 (only applications received on [mn.gov/careers](https://mn.gov/careers) will be considered)**

1. Go to [www.mn.gov/careers](https://www.mn.gov/careers) & click “**Search Open Positions**”
2. Enter the Job Opening ID “**75098**” in the Keywords search box & click “>”
3. Click on the Job Title to view the job posting & click “**Apply for Job**”
4. When prompted for your **Referral Source**, please list: **Ellen**

**Check out all our exciting MnDOT job opportunities by visiting & applying directly at:**

[www.dot.state.mn.us/careers/](https://www.dot.state.mn.us/careers/)

Contact **Cheryl Utz (MnDOT HR)** for additional information: [Cheryl.Utz@state.mn.us](mailto:Cheryl.Utz@state.mn.us) | 651.234.7453