

# Principal Engineer

WAMPO is seeking to fill the position of **Principal Engineer**.

The **Principal Engineer** is responsible for leading Transportation Engineering & Data tasks pertaining to the planning process in the WAMPO region. This position is responsible for tasks related to transportation engineering, transportation modeling, transportation planning applications, transportation system performance metrics, data collection, data maintenance, data trends analysis, data presentation, and forecasting. This position is responsible for assisting in the administration of transportation-related programs and planning studies, transportation research and innovation, federal government transportation programs, data management, and grant administration. Assist in the MTP development, securing federal funding for transportation infrastructure investments (road, bridge, transit, and multimodal projects) in the WAMPO area through the development of transportation capital investment plans (TIP), long-range transportation plans, specific corridor studies, safety studies, and various other plans. This action is performed to ensure the region remains eligible to receive federal transportation funding and meets federal funding mandates.

**Duties:** Typical tasks and duties of the Principal Engineer may include, but are not limited to the following:

- Leading tasks related to transportation engineering, transportation demand modeling, transportation planning applications, transportation system performance metrics, data collection, data maintenance, data trends analysis, data presentation, and forecasting.
- Assist in the implementation of the Metropolitan Planning Organization's transportation planning process for the WAMPO area in compliance with federal and state regulations.
- Assist the Manager and the Director of MPO in performing urban transportation planning activities and coordinating the regional planning program with federal and state activities, plans, and programs; ensure that the transportation planning process is performed in compliance with the currently effective UPWP.
- Prepare reports, develop and/or coordinate elements of the WAMPO Long Range Transportation Plan including research and analysis of roads, bridges, public transportation, air, rail, freight, and non-motorized transportation.
- Develop population projections, maps, and financial forecasts for the Regional Plan and specific plans and analyze the environmental and societal impacts of transportation projects. Coordinate with team members in the development of MTP's financial plan and forecasts.
- Coordinate transportation aspects of land development with the municipalities, developers, KDOT, FTA, and FHWA.
- Meet with local governments concerning transportation infrastructure from roadway systems and rail networks to pedestrian and bike facilities.
- Organize workshops and presentations for the purpose of informing local agencies on transportation issues affecting the region.
- Act in the role of Project Manager overseeing the work of consultants retained to work on transportation projects. Prepare written reports, contractual agreements, and project scopes, as well as assist in the preparation of RFPs.
- Assist the Manager and the Transportation Team staff in the use of the region's travel demand forecasting model, GIS and TransCAD, among other tools.
- Other tasks as assigned by supervisor.

**Knowledge, Skills and Abilities Required:**

1. Comprehensive knowledge of methods, practices, and procedures involved in transportation planning, engineering, metropolitan planning organization operations, and management.
2. Knowledge of transportation engineering, traffic engineering and safety laws.
3. Ability to oversee contract administration and implement good record keeping practices.
4. Ability to write clear and concise reports as well as prepare grant proposals and administer grants.
5. Ability to multitask and set priorities.
6. Ability to utilize analytical, organizational, and problem solving skills to support sound decision-making.
7. Ability to build consensus and maintain a culture of collaboration.
8. Skills in providing customer service.
9. Ability to actively participate in and give back to the community through established professional organizations and networks.
10. Ability to manage projects effectively and meet firm deadlines
11. Ability to maintain effective working relationships with elected and appointed officials and the general public.
12. Ability to exercise sound judgement in project management roles.
13. Ability to maintain integrity, credibility, and dedication to the mission of WAMPO.

**Education and Experience Required:** Minimum qualifications for a Principal Engineer shall consist of a bachelor's degree in Engineering, or experience with software programming and engineering, modeling & forecasting. A minimum of 5 years of private consulting firm experience is preferred with PE (Professional Engineering) license certification. Government agency experience is a plus.

The selected candidate must pass a background check, post-offer physical and alcohol/drug test, and have a valid driver's license.

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**About Wichita:**

Wichita is an urban area with an excellent standard of living, good schools, an excellent local University (Wichita State University), appealing cost of living, with reasonable housing costs, a vibrant downtown with great theatre and local events, with River walk recreational amenities & festival events. The commute here is great with many of our staff living within a 1- to 10-mile radius of the office.

**About WAMPO:**

WAMPO is the Metropolitan Planning Organization (MPO) for the Wichita metropolitan region. WAMPO area population is about 550,000.

MPOs are federally required regional policy bodies in urbanized areas with populations over 50,000. MPOs recognize the critical links between transportation and other societal goals such as economic health, air quality, social equity, environmental resource consumption, and overall quality of life. WAMPO is responsible, in cooperation with the State of Kansas and Wichita Transit, for carrying out the metropolitan transportation planning process in 22 cities and 3 counties in South Central Kansas.

**Benefits include:** health/dental/vision/life insurance and an optional flexible spending account (FSA). After six months of employment an optional retirement plan is available (WAMPO matches

up to a specific percentage). Paid time off includes: 10 vacation days accrued per year, 6 sick days accrued per year, and 12 paid holidays (including 1 personal day).

**Salary:** To be determined based on qualifications. Competitive salaries are offered at WAMPO.

**Position open until filled.** The first set of applications will be reviewed in October and November. For complete job descriptions for each position please visit: [www.wampo.org/wampo-is-hiring](http://www.wampo.org/wampo-is-hiring).

**To apply:** Please send your resume, cover letter, and application to Chad Parasa, WAMPO Executive Director, [Chad.Parasa@wampo.org](mailto:Chad.Parasa@wampo.org)

WAMPO is an Equal Opportunity Employer. WAMPO does not discriminate in its employment and or/personnel practices on the basis of race, color, religion or creed, gender, age, national origin, disability, sexual orientation, veteran status, political affiliation, or marital status/ relationship.