



ITS Planner

Annual Salary Range:

Associate: \$65,435 to \$101,424

Senior: \$79,537 to \$123,282

This position will be filled at either the Associate or Senior level depending on the experience and qualifications of the selected candidate.

First Review of Applications: July 16, 2021 – Opened until filled

Expected Start Date: August 2021

Overview of the Technology Planning Section

As part of the Mobility and Innovation department, the Intelligent Transportation Systems (ITS) team identifies, develops, and implements transportation technology projects that focus on better managing our transportation network to improve system efficiencies and provide multi-modal transportation options.

The SANDAG Board of Directors approved an action plan to create a bold new transportation vision with the goal to transform the way people and goods move throughout the region. This vision is shaped by five key strategies for mobility, collectively known as the **5 Big Moves**—**Complete Corridors:** Smart, connected routes that accommodate all modes of transportation; **Transit Leap:** A complete network of high-capacity, high-speed, and high frequency transit services; **Mobility Hubs:** Places of connectivity where a variety of travel options come together for a seamless travel experience; **Flexible Fleets:** On-demand, shared, electric vehicles that connect to transit and provide personalized transportation; **Next Operating System (OS):** The “brain” of the transportation network that manages systems in real time.

The ITS team plays an integral role in innovating, implementing, and administering regional technology strategies, projects, and programs.

Role

This position will deliver and support several agency initiatives, including the SANDAG Next Operating System (Next OS), an important element of the Five Big Moves, which is a secure digital platform that manages real-time transportation information for people and operators that use the region’s transportation network. This role also will lead other related technology projects and programs and provide technical guidance and support for the development of concepts of operations and system requirements for agency ITS projects.

Job Responsibilities

- Develop ITS initiatives that drive the implementation of advanced transportation and communications technologies, including, Transportation Systems Management and Operations (TSMO), and Active Transportation and Demand Management concepts and strategies.
- Support the development and delivery of the Advanced Transportation & Congestion Management Technologies Deployment Initiative (ATCMTD) federal grant for the development of large scale installation and operation of advanced transportation technologies to improve safety, efficiency, system performance.
- Coordinate inter-departmental and inter-agency initiatives requiring ITS technologies, including: Next OS, Complete Corridors, Transit Leap, Flexible Fleets, and Mobility Hubs.
- Conduct technical ITS research and lead the development of data-driven planning studies that advance the development of transportation and mobility technology strategies; conduct data analysis and prepare technical reports; provide recommendations on alternatives, assess trade-offs, and develop capital and operating cost estimates, and cost benefits.
- Collaborate with key stakeholders such as local, state, and federal agencies, project partners, consultants, and operating agencies on various ITS projects.
- Develop project plans, Requests for Proposals, scopes of work, project deliverables, budgets, and schedules; participate in the selection of consultants and vendors; administer contracts and ensure projects progress on schedule, within the approved budget, and at a consistently high level of quality; ensure projects are completed in adherence to funding agency requirements.



- Coordinate across SANDAG departments to identify, analyze, develop, pilot, test, and implement innovative technology solutions that enhance mobility.
- Provide staff support for policy advisory committees, and/or working groups; prepare agendas, reports, and meeting summaries; participate in the development of staff recommendations to the committees/working groups.
- Participate in the implementation of the ITS priorities identified in the 2021 Regional Plan.
- Prepare and present written, oral, and visual reports and recommendations to the Board of Directors, Policy Advisory Committees, community groups, private organizations, members of the public and other groups.

Experience and Qualifications

- Bachelor's degree with major course work in regional or transportation planning, engineering, operations, or a related field, and a minimum of four years (Associate), five years (Senior) of increasingly responsible experience supporting ITS planning or transportation programs and services; relevant experience in lieu of educational requirements will be considered. This position will be filled at either the Associate or Senior level depending on the experience and qualifications of the selected candidate.
- Knowledge of the principles, practices, and current trends related to regional planning, transportation systems management and operations, or ITS and systems engineering planning.
- Knowledge of federal and state laws, regulations/requirements pertaining to transportation policies, programs, and plans.
- Experience with data analysis and conducting technical research, studies, and cost-benefit analyses for planning programs; experience preparing and presenting project reports and policy recommendations.
- Experience coordinating and delivering complex projects, programs, and services in support of planning initiatives; experience monitoring program performance and analyzing outcomes.
- Successful project management experience including preparing and managing budgets, schedules, and project control measures; developing RFPs, scopes of work, and contracts; experience evaluating proposals and selecting and managing consultants.
- Experience with processes and procedures used to administer a grant program; experience assembling, organizing, and submitting grant applications, amendments, and progress reports.
- Experience staffing committees and/or working groups, including the preparation of agendas, reports, and meeting summaries.
- Ability to establish and maintain effective working relationships with those contacted in the course of work including agency and other government officials, consultants, operating agencies, and vendors.
- Ability to communicate technical information effectively, both orally and in writing, to a broad range of audiences; ability to prepare clear and concise administrative, technical, and informational reports; ability to prepare and deliver presentations and recommendations regarding various program elements to upper management, elected officials, community groups, private organizations, and other audiences.

Benefits and Salary

Our benefits include health, dental, and vision insurance as well as employee assistance, wellness, and work/life balance programs. Retirement and financial security benefits are provided through a pension plan and contribution to the SANDAG deferred compensation program. SANDAG offers flexible work schedules and employees are provided with paid time off and paid holidays. The candidate selected for this position will be expected to work in-person in the San Diego office.

Careers at SANDAG

A job at SANDAG is guaranteed to engage your mind, expand your skills, and enhance your professional development. We are committed to hiring talented individuals who are dedicated to working on important issues and enthusiastic about making significant contributions that improve the lives of people in the San Diego region.

How to Apply

We encourage interested candidates to apply for this position by completing a SANDAG Employment Application. Resumes, cover letters, and work samples may be submitted but are not a substitute for the Application.

The Employment Application can be downloaded from the SANDAG website or requested by emailing hr@sandag.org or calling (619) 699-1900. Completed applications can be submitted via email, fax, or regular mail. See our Careers / How to Apply webpage for additional information.

In compliance with the Americans with Disabilities Act (ADA), SANDAG will accommodate persons who require assistance in order to apply for a position at SANDAG. Applicants requiring an accommodation due to a disability during any stage of the recruitment and selection process, including requesting this document and related application materials in an alternative format, should make their needs known by contacting Human Resources at hr@sandag.org, (619) 699-1900, (619) 699-1904 (TTY), or fax (619) 699-6905.

Further Information

In compliance with the Immigration Reform and Control Act of 1986, applicants hired by SANDAG must show acceptable proof of identity and evidence of authorization to work in the United States.

The selected candidate can anticipate a driving record check upon hire, and approximately annually thereafter. The results of the check may determine whether the selected candidate will be permitted to drive for SANDAG business.

Contact Us



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