

CITY OF CHATTANOOGA

Classification Specification Title: Director Intelligent Cities

Department: Technology Services

Pay Grade: GS.15

Supervision Received From: Chief Information Officer

FLSA Status: Exempt

Supervisory Responsibility For: Traffic Engineering Tech

Established: 9/27/17

Traffic Signal Design Specialist, Traffic Signal Systems Engineer, Manager Intelligent Trans System

**Revision Dates: 4/1/25;
10/23/24; 10/20/23; 8/08/23**

CLASSIFICATION SUMMARY:

This position will report directly to the Chief Information Officer and work collaboratively with other divisions of DTS (security, infrastructure, and PMO) as well as state, county and local entities. The potential incumbent will lead a team made up of traffic operations crew workers and electricians, transportation/mobility focused project managers, traffic signal design specialists, and engineers.

The Director Intelligent Cities position will include researching, analyzing, and implementing a broad range of transportation, public safety and mobility projects. This will require a strong ability to collaborate with vendors, manage multi-year budgets, make impactful decisions, enable emerging technologies, take ownership of all transportation operations and work in tandem with other city departments and outside city government entities.

SERIES LEVEL:

The Director Intelligent Cities is a stand-alone position.

ESSENTIAL FUNCTIONS:

(The following duties ARE NOT intended to serve as a comprehensive list of all duties performed by all employees in this classification, only a representative summary of the primary duties and responsibilities. Incumbent(s) may not be required to perform all duties listed and may be required to perform additional, position-specific duties.)

Leads the delivery of all intelligent transportation projects for Chattanooga.

Offers innovative approaches to future city ambitions by developing innovative transportation master plans and processes based on global trends but considering local contexts and demands.

Creates an innovation roadmap that reviews, evaluates, implements, and prioritizes advanced transportation projects.

Identifies and prioritizes Intelligent City projects based on their potential impact on the city and its residents, feasibility, and cost-effectiveness.

Run the Chattanooga Smart Community Collaborative under the direction of the co-leaders, CIO of the City of Chattanooga, and the CEO of The Enterprise Center.

Leads technology innovation with a focus on understanding and evaluating industry trends, collaborating with industry technology leaders, and recommending new intelligent transportation opportunities and strategies.

Lead the Intelligent Cities grant finding, grant proposal, and grant execution process for the City of Chattanooga.

Oversees the preparation and evaluation of specifications, scopes of work and requests for proposals for new processes, equipment, and services.

Oversee the development and deployment of Intelligent City technologies in order to ensure the interoperability, scalability, and security of the technologies.

Collaborate with city departments, technology vendors, academic institutions, and community stakeholders to implement intelligent city initiatives.

Represents the City, Department, and Division at a variety of internal and/or external meetings, public events, training sessions, and committees and/or other related events in order to receive and/or convey information.

Must meet regular attendance requirements.

Must be able to maintain good interpersonal relationships with staff, co-workers, managers, and citizens.

Must accomplish the essential functions of the job, with or without reasonable accommodations, in a timely manner.

Performs other duties as assigned.

DEPARTMENT SPECIFIC DUTIES (if any):

MINIMUM QUALIFICATIONS:

Bachelor's degree in Engineering, Computer Science, Urban Planning, or a related field and ten (10) years of experience or an equivalent combination of work experience. Master's degree preferred.

LICENSING AND CERTIFICATIONS:

International Municipal Signal Association certification preferred.

KNOWLEDGE AND SKILLS:

Knowledge of managerial principles; intelligent cities, information technology, municipal traffic engineering, and operations principles and practices; budgeting, contracting, and vendor management; public administration principles; stakeholder engagement and coalition building; system interconnectivity via fiber optics, computer driven traffic monitoring cameras, LidAR functionality, and advanced transportation management systems; managing federal grants; strategizing federal and/or state funding; entrepreneurial or intrapreneurial experience, intelligent city technologies, trends, and best practices; technology leadership (including technology acquisition and deployment at scale), project management, and strategic planning; preparing and analyzing statistical data; planning, procurement, deployment, contracting, budgeting, and support of technology solutions; applicable Federal, State and Local laws, ordinances, codes

rules, regulations, policies and procedures; construction principles; prioritizing and assigning work to a diverse team.

Skill in communication, interpersonal, and collaboration skills; delivering speeches, talks, and participating on panels in front of sizable audiences successfully and regularly; speaking with journalists and other communication professionals for the purpose of being the subject matter expert to support news articles, professional papers, overviews of the City's projects, plans, and outcomes; using a computer and related software applications; coordinating activities with other internal departments and/or external organizations; managing projects; developing and implementing program goals and objectives; coordinating activities with multiple interested parties; performing mathematical and statistical calculations; analyzing and interpreting a variety of data and information; preparing a variety of reports; interpreting and applying applicable laws, ordinances, codes, rules, regulations, policies and procedures; developing and monitoring budgets. developing and implementing policies, procedures and operating strategies; strong presentation skills. Ability to manage complex projects and budgets; to align diverse groups, organizations, and people around a common goal or outcome; influence executives, professionals, professors (Ph.D.s), department heads, government officials and other entities towards the City's strategic plan and outcome.

PHYSICAL DEMANDS:

Positions in this class typically require: standing, walking, pushing, pulling, lifting, fingering, grasping, feeling, talking, hearing, seeing, and repetitive motions.

WORK ENVIRONMENT:

Sedentary Work: Exerting up to 10 pounds of force occasionally and/or a negligible amount of force frequently or constantly to lift, carry, push, pull or otherwise move objects, including the human body. Sedentary work involves sitting most of the time. Jobs are sedentary if walking and standing are required only occasionally and all other sedentary criteria are met. Incumbents may be subjected to extreme temperatures and travel.

SPECIAL REQUIREMENTS:

Safety Sensitive: N

Department of Transportation - CDL: N

Child Sensitive: N

The City of Chattanooga, Tennessee is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the City will provide reasonable accommodations to qualified individuals with disabilities and encourage both prospective and current employees to discuss potential accommodations with the employer.