



# INTERNSHIP & CAREER SERVICES

HOWARD R. HUGHES COLLEGE OF ENGINEERING

## Senior Engineer - Traffic

**PostingID:** E081716

**Company:** City of N. Las Vegas

**Position Type:** Full-Time

**College Major(s):** Civil Engineering

**Website:** [www.cityofnorthlasvegas.com](http://www.cityofnorthlasvegas.com)

**Work Location:** Las Vegas, NV

**Salary:** \$66k – 96k

**College Level(s):** Graduate, Alumni

### OVERVIEW

The Public Works Department's mission is to provide responsive public services to our customers to promote the health, safety and welfare of our community, and to provide a supportive, respectful working environment that encourages personal and professional growth. The Department is organized into five divisions.

#### Roles and Responsibilities

Plans, supervises, reviews and evaluates the work of professional and technical support staff; performs professional level engineering planning, engineering designing, engineering design review, bidding and construction management duties; coordination of all aspects of both land development and capital improvement projects and programs.

Recommends selection of staff; trains staff and provides for their professional development.

Provides input into the unit's budget; assists in planning goals, objectives, procedures and work standards for the unit.

Uses professional engineering license to seal and approve construction drawings and technical specifications, prepared by self or for which has responsible charge, on behalf of the City.

Works with professional engineers, developers, utility companies and other entities to solve complex engineering problems encountered during the design and/or construction process.

Represents City interests in applicable state and local groups, such as the Southern Nevada Water Authority, Regional Flood Control District, Regional Transportation Commission, Nevada Department of Transportation, and other agencies.

Writes requests for proposal and contract specifications for design and construction administration services; participates in the selection of consultants and administers professional service agreements.

Conducts feasibility and cost studies; develops engineering solutions to problems related to assigned projects; recommends alternative approaches, including the use of contract services and the incorporation of new methods and materials.

Maintains liaison with various utility, governmental agency and City departmental staff; ensures that building codes and applicable permit conditions are met in assigned projects.

Provides project leadership or supervision to staff, including work assignment, review and evaluation.

Maintains accurate records and prepares a variety of periodic and special reports.



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Reviews traffic impact studies, planning documents, development plans, legislation and capital improvement programs to evaluate the impact on the transportation system. Ensures compliance with federal, state, regional and local regulations as they apply to the design and construction of residential, commercial and industrial land development improvements including roadways, intersections, signing, striping, traffic signals, street lighting, pedestrian and bicycle treatments, ADA compliance, and intelligent transportation systems.

Review, investigate, and settle disputes between developers and the City.

Performs transportation studies by planning, organizing, designing, and preparing special transportation research projects and conducting and/or directing data collection.

Assesses external (citizen, school district) and internal (elected officials, Traffic Operations staff, police department) requests to identify and evaluate transportation design, maintenance and operational issues, analyze alternatives and make recommendations.

Works with the Regional Transportation Commission (RTC) and the Freeway and Arterial System of Transportation (FAST) to plan and implement regional policies for bicycle facilities, pedestrian movement, and traffic signal timing and coordination, among others. Assists in development of local and regional transportation improvement programs by preparing descriptions with estimated costs and funding sources.

Supervises the review and approval of permits for temporary traffic control for off-site improvement construction.

Maintains accurate files, reports and data, including a complex automated transportation planning and modeling database and the cost participation agreement database.

Supervises the review of Planning Commission agenda items to ensure compliance with federal, state and local regulations; works with other departments, developers and engineers to resolve engineering planning issues on Planning Commission items; represents the Department of Public Works at Planning Commission meetings, providing information and answers to questions posed by the Planning Commissioners; makes presentations to the Planning Commission and/or City Council on various land development issues.

Prepares federal/state grant applications for traffic and transportation planning projects.

Assists with the development of engineering solutions to problems related to streetlights, traffic signals, pavement markings, traffic control and enhancements

Plans and coordinates various projects such as traffic circulation, safety studies, traffic signal coordination programs, and bikeway and trail system planning.

Oversee the cost participation program for traffic mitigation measures and provide periodic updates on such.

## **Qualifications and Education Requirements**

Bachelor's degree from a four-year college or university with major course work in civil engineering or a related field.

Four years of professional level engineering work and project management experience in the applicable area of responsibility (Engineering Services, Development and Flood Control, Technical Services, or Transportation Services), preferably in a public agency.

**Equivalency:** May substitute a combination of equivalent education and experience. The City assesses 1 year of fulltime experience as equivalent to one year of education.

**Licenses and Certifications:**

Registered Professional Engineer in the State of Nevada. If registered in another state must obtain Nevada registration within one year of hire/reclassification.

Registered Professional Traffic Operations Engineer Certificate is required within 1 year of hire/reclassification.

Must possess a valid Nevada State Driver's License and maintain satisfactory motor vehicle records during the duration of employment.

**Where To Apply:**

<http://www.cityofnorthlasvegas.com/Departments/HumanResources/Employment/PDFs/JobDescriptions/SeniorEngineer.pdf>

May submit applications online, in person or via mail.