CITY OF OCEANSIDE

JANUARY 2006
CLASS CODE: 2514ME
UNIT: MECO

SENIOR TRANSPORTATION ENGINEER

*Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are **not** intended to reflect all duties performed within the job.*

DEFINITION

Under general direction, to direct and supervise the work of staff involved in the City's Transportation Planning, Development Review and Neighborhood Traffic Calming Programs. Provides technical expertise in transportation planning, project development and regional funding on street projects. Evaluates traffic conditions and prepares reports for development projects. Manages and coordinates various transportation planning projects; and performs other related duties as assigned.

EXAMPLES OF DUTIES - *Examples of duties performed by employees in this class may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.*

Coordinates and participates in overall transportation planning including the review of proposed developments, evaluation of traffic conditions and traffic calming resolutions; coordinates development review comments with the City's Engineering Division; conducts, reviews and analyzes development plans and street improvements; reviews and comments on traffic impact studies and regional corridor studies; coordinates and updates the citywide traffic model with the San Diego Association of Governments (SANDAG); makes recommendations based on study outcomes; works with traffic operations staff on traffic and street standards for developments; supervises the work of staff involved in performing transportation planning review and traffic calming work; prepares written reports on transportation planning projects; serves as senior project manager in the planning, design and construction of major transportation improvement projects associated with outside agencies; works with California Department of Transportation (Caltrans) on regional transportation design and planning projects; coordinates with SANDAG on regional arterial and freeway studies; represents the City at various SANDAG, Caltrans, and North County Transit District (NCTD) meetings and conferences; attends regional meetings and makes presentations in public meetings and workshops; prepares grant and/or funding applications for State and Federal grant or funding programs; manages and coordinates project development of transportation capital improvement projects; prepares written reports on transportation engineering-related projects; represents City in community meetings; coordinates transportation engineering-related activities with other City departments and divisions; trains and evaluates assigned staff; performs related duties and responsibilities as required.

MINIMUM QUALIFICATIONS

Knowledge of:

Principles and practices of transportation planning and traffic engineering principles.
Funding and grant application practices and principles.
Transportation computer software programs.
Preparation of designs, plans, specifications and estimates.
Principles and practices of project development.
Techniques for preparing reports and recommendations related to transportation planning.
Review process on development plans, traffic studies, and traffic calming.
Municipal operations relating to other City departments and divisions.
Pertinent Federal, State and local laws, codes and regulations.

Ability to:

Perform complex transportation planning and traffic engineering studies.
Coordinate with other City departments and outside agencies regarding projects and/or studies.
Coordinate and participate in transportation planning and traffic calming.
Conduct, review and analyze project developments for transportation planning and traffic calming.
Review plans, studies, and processes, and other work for accuracy and conformance with established transportation planning and traffic engineering practices.
Supervise, train, and evaluate assigned staff.
Supervise and coordinate staff regarding the City's neighborhood Traffic Calming Program.
Analyze and recommend traffic and transportation policies and standards.
Prepare clear and concise reports
Present technical information in a public meeting: including community workshops, commission meetings and City Council meetings.
Use specialized transportation computer software programs such as Traffix, Passer, or Synchro.
Prepare funding and grant applications for State and Federal funding and/or grant programs.
Communicate clearly and concisely, both orally and in writing.
Establish and maintain effective relationships with those contacted in the course of work.

EXPERIENCE AND TRAINING QUALIFICATIONS

Experience:

Seven years of increasingly responsible transportation planning or traffic engineering experience, including two years of supervisory responsibility.

Training:

A Bachelors degree with major course work in transportation planning, traffic engineering, civil engineering or a related field.

License/Certificate:

A current, valid, California driver's license. Possession of registration as a professional Traffic or Civil Engineer in the State of California.

WORKING CONDITIONS

Environmental Conditions:

Office environment; exposure to computer screens.

Physical Conditions:

Essential functions may require maintaining physical condition necessary for sitting for prolonged periods of time; visual acuity to read and interpret engineering specifications and drawings.