

RESOLUTION NO. 2983

ESTABLISHING THE CLASSIFICATIONS OF CIVIL ENGINEER  
III AND WATER AND SEWER SUPERVISOR AND SALARY RANGES  
THEREFOR

RESOLVED, by the City Council of the City of Lodi, that the report of Cooperative Personnel Services, State of California Personnel Board, entitled "City of Lodi Classification and Salary Survey September 1964," as amended and adopted by Resolution No. 2788, be and the same is hereby further amended by the adoption of job specifications for "Civil Engineer III" and "Water and Sewer Supervisor" dated August 1956 attached hereto and made a part hereof.

FURTHER RESOLVED, that Resolution No. 2882 is hereby amended by adding the following to Table III thereof:

Civil Engineer III	73-A	\$763-801-841-883-927
Water & Sewer Supervr	67-A	660-693-727-763-801

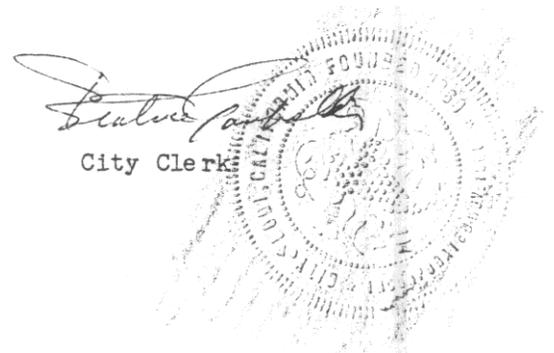
Dated: August 17, 1966

I hereby certify that Resolution No. 2983 was passed and adopted by the City Council of the City of Lodi in regular meeting held August 17, 1966, by the following vote:

AYES: Councilmen Brown, Culbertson, Hunnell and Kirsten

NOES: None

ABSENT: Mayor Walton



CIVIL ENGINEER III

DEFINITION

Under direction, to supervise and perform difficult professional engineering **work** in connection with the location, design, construction and maintenance of major public works projects; and to do related **work** as required.

DISTINGUISHING CHARACTERISTICS

This class differs from the next lower class of Civil Engineer II in that **it** involves primary responsibility **for** major design work such as large storm drain projects, street reconstruction projects, and other projects **of** this scope, rather than **more** limited areas and plans. The incumbent is also assigned considerable administrative and supervisory responsibilities.

EXAMPLES OF DUTIES

Prepares engineering plans and specifications for the construction of storm drains, streets and structures; checks plans for accuracy and completeness and makes recommendations for revision and improvement; reviews specifications for composition and accuracy; prepares preliminary and final cost estimates; assists subordinate engineering personnel with difficult problems; makes plan layouts, details and drawings; makes engineering calculations, such **as** hydraulic run-off, structural stresses, strains and strengths, areas, closures, grades and curves; meets with other agency officials, individuals and industry representatives in discussing engineering problems; assists in planning, **organizing** and directing the office and field engineering and maintenance personnel in the construction and maintenance of public works projects; prepares special reports for the department head.

LICENSE

Possession of certificate of Engineer-in-Training issued by the California State Board of Registration for Civil and Professional Engineers.

DESIRABLE QUALIFICATIONS

Knowledge of:

- Principles, practices, and methods of civil engineering as applied **to** the planning, designing, and construction of municipal public works projects;
- Design principles, strength of materials, and stress analysis required **in** planning public works construction projects;
- Principles of mechanical engineering, structural engineering, and surveying as they apply **to** the design of public works structures;
- Municipal public works administration.

DESIRABLE QUALIFICATIONS - (Cont'd.)

Ability to:

Prepare plans and specifications and to review estimates;  
Prepare contract documents and to supervise and coordinate  
construction contracts;  
Direct the work of subordinate engineering personnel;  
Establish and maintain effective relationships with other  
employees and the public.

and

Experience: Three years of professional civil engineering  
work including experience in surveying and  
designing streets and water and sewer systems.

and

Education: Graduation from college with a degree in civil  
engineering.

660-801  
RANGE 47-A

City of Lodi

August, 1966

WATER AND SEWER SUPERVISOR

DEFINITION

Under general direction, to supervise the construction, maintenance and repair of City water and sewer systems; to supervise water production activities; to supervise the operation of sewage treatment plants; and to do related work as required.

DISTINGUISHING CHARACTERISTICS

The Water and Sewer Supervisor is immediately responsible for supervision of maintenance and construction of City water and sewer systems. General construction orders are received from the Director of Public Works, reviewed as to plans and specifications, and interpreted to the respective crew foreman. He is also responsible for the operations involved in water production and sewage collection, treatment and disposal under the direction of the Director of Public Works.

EXAMPLES OF DUTIES

Plans, directs, inspects and occasionally personally supervises construction and repair of water and sewer systems; plans work schedules, issues requisitions for equipment, materials and supplies; directs and supervises the maintenance and repair of water and sewer equipment; estimates construction and maintenance operation costs and keeps time; materials and other job records; assists in gathering information for budget purposes; supervises periodic inventory of materials; handles difficult public relations matters including complaints; establishes and maintains City water and sewer construction crew schedules; assists in writing specifications; gives general supervision to journeyman plant operators assigned to the sewage treatment plant facilities, directing maintenance and crew schedules; supervises the taking of sewage samples for analysis; assists in the direction of new well construction; prepares reports.

DESIRABLE QUALIFICATIONS

Knowledge of:

- The materials, equipment, procedures, and practices employed in municipal water and sewer systems construction and maintenance, including water production and sewage treatment;
- Related public works operations, particularly electric and street system as they relate to water and sewer systems construction and maintenance work;
- Mechanical equipment including its uses and operations, and tools and materials commonly used in water and sewer systems work.

and

Water and Sewer Supervisor -- 2

DESIRABLE QUALIFICATIONS--(cont'd.)

Ability to:

Plan, organize, assign and supervise the day-to-day work of construction and maintenance crews;  
Establish cooperative working relationships with employees, contractors, and the general public;  
Keep clear and accurate records;  
Read and interpret blueprints, diagrams, and symbols used in the design and construction of water and sewer systems.

and

Experience: Five years of **work** experience including at least one year in subprofessional engineering **or** maintenance and construction work and one **year** in administrative **or** supervisory work including wide public contact.

and

Education: Equivalent to completion of two years of college.