

JOB DESCRIPTION

DEPARTMENT: GAS & WATER

JOB CODE: GW-A-305A
2/2008

JOB TITLE: ENGINEER II

JOB SUMMARY: Performs and assists in engineering design, planning and construction management for municipal public works projects required to maintain and improve the physical infrastructure of the City of Clarksville's water, sewer and natural gas systems.

JOB DUTIES INCLUDE:

- Design and development of plans, specifications and development of plan, specifications and contract documents of public works improvements including water, sewer and natural gas systems.
- Review and approve developer plans to insure conformance with City and State standards and specifications, ordinances, regulations and laws relating to design and construction of water, sewer and natural gas systems.
- Work with survey crew in gathering field data.
- Assists contractors, developers and general public in requests for information and analysis of data on file in City Engineer's Office.
- Perform engineering analysis and computer modeling of water, sewer and natural gas systems.
- Prepare and administer construction contracts and perform field inspections to insure compliance with plans and specifications.
- Contact private property owners to acquire public easements and rights-of-way.
- Handles complaints from public.
- Provide engineering and project management services related to the design, maintenance and operation of the sewer collection system and treatment plant, water distribution system and treatment plant, natural gas distribution system.
- Perform engineering studies and prepare reports for the City Engineer, Operations Manager and others.
- May supervise other professionals and office staff.
- Perform project management functions for contracts performed by outside engineering and surveying consultants and contractors working for the City.
- Performs related duties as assigned.

KNOWLEDGE AND EXPERIENCE:

- Demonstrated knowledge of the principles and practices of civil engineering particularly as applied to municipal public works.
- Demonstrated knowledge of public works design, construction and maintenance methods, materials and equipment.
- Knowledge of modern developments, current literature, and sources of information regarding civil engineering and municipal public works.
- Ability to express ideas clearly and concisely, orally and in writing to groups and individuals.