



MUNICIPAL INFRASTRUCTURE SERVICES INCLUDE:

- Commercial Land Development
- Public Water Systems
- Sanitary Sewer Systems
- Landfill Design and Construction Management
- Waste Water Treatment Plants
- Storm Water Infiltration
- Storm Water Management

CTL ENGINEERING'S STAFF PROVIDES A WIDE VARIETY OF INFRASTRUCTURE DESIGN SERVICES FOR MUNICIPAL AND PRIVATE DEVELOPERS

CTL can provide the complete package from concept to completion, including all unexpected elements such as Environmental Issues and Geotechnical Investigation. CTL can provide complete GIS Mapping of existing systems and proposed facilities.

CTL provides Engineering and Design Services for municipalities including; Public Water Systems, Sanitary Sewer Systems, Waste Water Treatment Plants, Storm Water Design and Management Plans. Public Water Systems are designed and computations analyzed within the guidelines and regulations set forth by the Bureau of Public Health. Sanitary sewer systems are designed with flow modeling performed on them prior to submission to the regulatory agencies. CTL performs investigations on existing sanitary sewer systems and determines storm water infiltration issues which are becoming major problems due to system surcharging and overflowing.

Storm Systems are designed and analyzed according to the guidelines and regulations set forth by the WV DEP. Storm Water Management Systems are designed with storage volumes and discharge velocities analyzed to minimize the impact on the environment.

Permit submittals and approvals are a requirement prior to any construction project. CTL's professionals have a strong knowledge of the requirements and regulations of The West Virginia Department of Health and Human Resources - Bureau of Public Health, WV DEP - Division of Water and Waste Management, and WV DOH. This knowledge and the excellent relationships built with these agencies have allowed for successful submittals, reviews and approval of permits for municipal infrastructure projects throughout the State of West Virginia.

