

Infrastructure/Utilities



O'Brien & Gere provides key services to support civil/site development initiatives. These services encompass the preparation of evaluations and the design of private, municipal, and institutional infrastructure systems; including water, sanitary sewer, drainage and storm water, pavement, and roadway structures.

Range of capabilities include:

- Cost estimates
- Earthwork analyses
- Feasibility studies and site analyses
- Grading plans
- Landscape plans
- Permit application assistance
- Roads and parking design
- Sediment and erosion control design
- Sewage, water, and drainage systems design
- Site layout
- Site lighting
- Specifications
- Storm drainage and paving plans
- Storm water management design
- Utilities layout

Infrastructure and utilities projects are actively supported in the following areas:

WATER/WASTEWATER SYSTEM DESIGN

- Laterals and collection sewers
- Force mains and pumping stations
- Transmission sewers
- Water distribution and transmission pipelines
- Water storage facilities and pumping stations
- Water and wastewater treatment

DRAINAGE SYSTEM EVALUATIONS, STUDIES, & DESIGNS

- Hydrologic and hydraulic analysis
- Storm water permitting as part of the National Pollution Discharge Elimination System Program and preparation of Storm Water Pollution Prevention Plans
- Storm water runoff collection and management, including detention/retention basins
- Storm drainage piping
- French drains, swales, and outfall channels
- Oil/water separators
- Erosion control facilities
- Stream and river hydraulic modeling

CONTACT US

For more information please visit our website at www.obg.com or e-mail info@obg.com



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Drainage projects are also performed to prevent/correct problems associated with ground water that can affect buildings/foundations, septic systems, and roads. O'Brien & Gere offers comprehensive support.

ROADS & PARKING LOTS

- Road system design
- Ramps
- Highway widening
- Turning lanes
- Intersection improvements
- Bridges
- Specialized pavement design
- Forensic pavement analysis
- Pavement overlays and repairs
- Construction documents and services

O'Brien & Gere is ready to help clients design, rebuild, renovate, or modernize.

