

# Switching Facilities



O'Brien & Gere comprehensively designs and constructs switching facilities for our telecommunication clients. These projects are delivered in a variety of approaches, including the traditional design approach or the design-build/turnkey delivery system. The traditional design approach provides the project owner with the highest level of control over project components, while the design-build/turnkey delivery approach offers owners a flexible level of project involvement. O'Brien & Gere offers a choice of delivery options, utilizing in-house resources and eliminating the need for subcontractors.

Projects have included facilities requiring completely new switches associated with emerging markets, as well as upgrades and renovations associated with switch expansions in growing areas.

The firm's staff provides a full line of services related to telecommunications switching facilities: from evaluation of existing facilities (heating, ventilation, and air conditioning (HVAC), fire protection, code compliance, insurance, etc.) through conventional design, to design-build and construction management. Multi-disciplined teams include structural, architectural, civil, electrical, mechanical, fire protection, and HVAC facilities engineers, as well as telecommunications project managers. These project teams are located in offices throughout North America, with the expertise and experience to meet client needs.

## **SERVICES**

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- Design-build of switching facilities
- Coordination and relocation of electrical support equipment
- Structural support, secondary roofing protection systems
- Architectural finishes, details
- Electrical requirements, emergency lighting
- HVAC, plumbing, sanitary waste
- Fire detection and FM (fire monitoring) 200 fire suppression systems
- Security systems
- Grounding systems
- Cable support systems
- Uninterruptible power supply, emergency generator
- Environmental services (NEPA – National Pollution Discharge Elimination System), Phase I ESA (Environmental Site Assessment), asbestos/lead-based paint)

## **GENERAL SUPPORT SERVICES**

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- Multiple consultant coordination for trade issues associated with project development
- Permit coordination and negotiations with regulatory agencies
- Contract drawing/technical specification preparation and review
- Preparation of construction and project cost estimates
- Coordination with construction management teams and contractors
- Landlord/tenant interaction

## **CONTACT US**

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For more information please visit our website at [www.obg.com](http://www.obg.com) or e-mail [info@obg.com](mailto:info@obg.com)

