



Transportation Authority Communications

Black & Veatch deploys next-generation transportation communications infrastructure to make travel and transport faster, safer and more convenient. Leverage our vast EPC experience to bridge the gap between yesterday's infrastructure and tomorrow's modes of travel.

Pennsylvania Turnpike Commission project

44

million feet of
fiber deployed

184

miles of micro-
trenching

139

new bridge
attachments

24

interstate
crossings

Drive the Future of Transportation

Digital mobility is here, and there's no turning back. To evolve, state and state DOTs are building intelligent transportation systems (ITS) that make data-driven functions the centerpiece of modern travel and transport.

Trust Black & Veatch to guide the integration of digital infrastructure with our established physical infrastructure—roads, bridges, highways. Leverage our vast engineering, procurement, and construction (EPC) experience and our knowledge of the latest technologies and approaches to bridge the gap between yesterday's infrastructure and tomorrow's modes of travel. Partner with us to navigate budget limitations, fill knowledge and resource gaps, and manage risk to deploy advanced communications and DOT solutions at the state and local level.

Services

- ITS network design
- Vehicle to infrastructure studies
- Infrastructure & technology assessment
- Electronic tolling network connectivity
- Public private partnership (P3) solutions
- Transportation network project delivery
- Conceptual design & cost estimates
- Financial analysis

- Design & deployment
 - ROW permitting & zoning
 - Material procurement
 - Project & construction management
 - Construction & installation
 - Integration & testing
 - Operations & maintenance

Pennsylvania Turnpike Commission

Design-Build Fiber
Deployment | State of Pennsylvania

Black & Veatch is conducting EPC of PTC's fiber infrastructure. PTC launched an advanced 220-mile fiber optic network project to boost connectivity between their administrative buildings, support all-electronic tolling and intelligent transportation systems for improved safety and mobility. It will also prepare the Turnpike to support emerging technologies for smart roadways and connected and autonomous vehicles.

