INDIANA TOLL ROAD
FIBER OPTIC NETWORK & ITS TECHNOLOGY

DESIGN & BUILD — **INTELLIGENT TRANSPORTATION** — **FIBER OPTIC NETWORK** — **ITS DEVICE DEPLOYMENT** — **HIGHWAY SAFETY**

The Indiana Toll Road is a 157-mile, limited access toll highway that spans Northern Indiana along I-80/I-90 from the Ohio border to the Illinois State line. Operated and maintained by the Indiana Toll Road Concession Company (ITRCC), the Indiana Toll Road offers travelers a safe, convenient route to their destination with more than $300 million in infrastructure and technology upgrades since 2015.

Building on its commitment to deliver a safe travel experience for its customers, employees and community, the ITRCC is expanding its fiber optic network backbone to support new technologies aimed at improving highway safety and communication. The ITRCC selected eX² Technology to design and build more than 85 miles of conduit and fiber optic cable as part of their continued infrastructure expansion program as well as install ITS devices along the entire 157-mile route and many electrical service connections. The completed system will provide the ITRCC with the ability to offer advanced incident messaging, monitor traffic flows and reduce speeds when necessary throughout the state.

As part of the project's scope of work, eX² Technology will install and integrate approximately 20 closed circuit television (CCTV) cameras, 13 dynamic message signs (DMS) and a wrong way detection system (WWDS) on two ITR exit ramps. The WWDS will include detection, "Wrong Way" signs with flashing LEDs and an alert that is broadcast to the advanced traffic management system at the ITRCC Control Center for notification and review. Mainline and ramp toll plazas will be integrated onto the fiber network to serve as the primary communications route back to the ITRCC Administration Building in Elkhart, Ind.

ABOUT US

eX² Technology is a single source solution for those seeking to build, scale or upgrade their communications infrastructure. We provide smart city, intelligent transportation, critical infrastructure and private network solutions and services with greater efficiency, less cost and a streamlined acquisition process. We specialize in turnkey network design-build-maintain services, asset commercialization and project financing.

TRANSFORMING
AMERICA'S INFRASTRUCTURE
ONE PARTNERSHIP AT A TIME™

EXCELLENCE IN EXECUTION.

eX² Technology, LLC
1044 N. 115th Street, Suite 200 | Omaha NE 68154
402.817.7970
marketing@ex2technology.com
www.ex2technology.com

SMART CITIES | INTELLIGENT TRANSPORTATION | CRITICAL INFRASTRUCTURE | PRIVATE NETWORKS