



TRANSFORMING AMERICA'S INFRASTRUCTURE ONE PARTNERSHIP AT A TIME™



MAKING IOWA'S INTERSTATE CORRIDORS SAFER WITH TRUCK PARKING INFORMATION MANAGEMENT SYSTEM

According to the American Transportation Research Institute's (ATRI) *Critical Issues in the Truck Parking Industry – 2017*, safe, legal parking is one of the trucking industry's most critical issues. The U.S. Department of Transportation's Federal Highway Administration reported in August 2015 that 90 percent of truck drivers regularly experienced problems finding safe parking locations resulting in illegal and unsafe semi-truck parking on highway shoulders, exit ramps or in empty lots. To address these concerns, the Iowa Department of Transportation, in partnership with eX² Technology, is implementing a Truck Parking Information Management System (TPIMS) to provide truckers with the location of available truck parking spaces along its highway corridors.

eX² Technology is providing design and implementation services for the TPIMS and will maintain it for three years following deployment in January 2019. The TPIMS includes 42 public rest areas and private truck stops along Iowa's I-80, I-29, I-35 and I-380 corridors and uses in-pavement occupancy sensing and screen line video analytics-based technology. Truck parking availability information will be made available through Iowa's 511 Traveler Information System as well as existing in-cab routing systems and a hands-free, Federal Motor Carrier Safety Administration-compliant mobile app.

Part of a larger Mid America Association of State Transportation Officials' (MAASTO) effort, the TPIMS is being funded, in part, through a \$25 million federal Transportation Investment Generating Economic Recovery (TIGER) grant awarded to eight partnering states – Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Ohio and Wisconsin. The states' systems will eventually interconnect into a regional TPIMS.

ABOUT eX² TECHNOLOGY

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

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