

# MICHIGAN DEPT. OF TRANSPORTATION TRUCK PARKING INFORMATION MANAGEMENT



SYSTEM  
MAINTENANCE



INTELLIGENT  
TRANSPORTATION



IMPROVED HIGHWAY  
SAFETY



SMART TRUCK  
PARKING



MAASTO GRANT  
PROJECT

According to the Michigan Department of Transportation (MDOT), truck parking availability was a major safety concern along Michigan's I-94 corridor. With difficulty finding available parking spaces along their routes, commercial trucks drivers were parking in illegal and unsafe places along highway shoulders, entrance and exit ramps or in empty lots. To help alleviate this highway safety concern, MDOT implemented a Truck Parking Information Management System (TPIMS) to provide truckers with the location of available truck parking spaces at seven truck stops along its I-94 corridor in southwest Michigan.

The TPIMS uses video analytics-based technologies to count trucks entering and exiting private truck stop areas. The truck parking availability information is transmitted through Truck Specialized Parking Services' (TSPS) Osprey® software platform and then shared with truckers through dynamic roadside truck parking signs, MDOT's Mi Drive traffic information website and TSPS' in-cab routing systems. As a subcontractor to TSPS (contracted by MDOT to design, deploy and maintain

the system), eX<sup>2</sup> Technology is currently providing maintenance services for the TPIMS.

In December 2018, MDOT announced the expansion of its TPIMS to include new parking locations at eight additional sites along I-275, I-75 and I-94 with nine additional truck parking availability signs added as part of a larger Mid America Association of State Transportation Officials' (MAASTO) effort. MDOT's TPIMS will eventually interconnect to a regional TPIMS network that will include seven other participating states.

## ABOUT US

eX<sup>2</sup> 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.



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**ONE PARTNERSHIP AT A TIME™**

eX<sup>2</sup> Technology, LLC  
402.817.7970  
marketing@ex2technology.com  
www.ex2technology.com