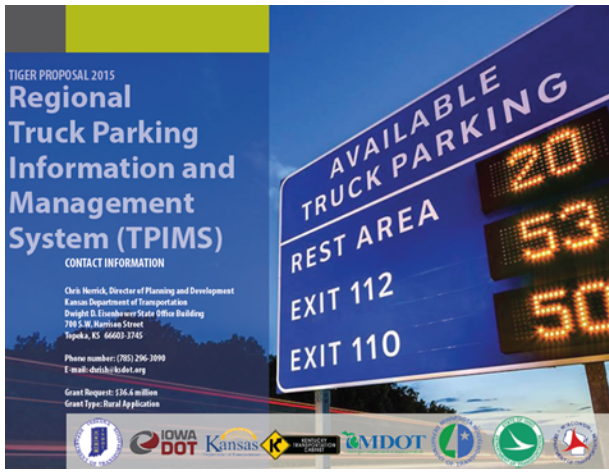




# MAASTO TPIMS Project

# The MAASTO TPIMS Project

Iowa Department of Transportation



*The MAASTO TPIMS Partnership will strengthen America's freight network by helping commercial truckers make safer, more efficient parking decisions through a user-focused information service that consistently provides timely, reliable parking availability information.*

Safe, convenient parking is essential for long-haul truck drivers, the lifeblood of our freight transportation network. Yet drivers often struggle for up to an hour each day to find areas to safely rest. That's why eight states – Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Ohio and Wisconsin – have joined together in developing a real-time, multi-state Truck Parking Information Management System.

### What is TPIMS?

TPIMS will improve the safety and efficiency of America's freight network by providing real-time parking availability information to truck drivers through dynamic message signs, smart phone applications, traveler information websites and other means.

### How will it work?

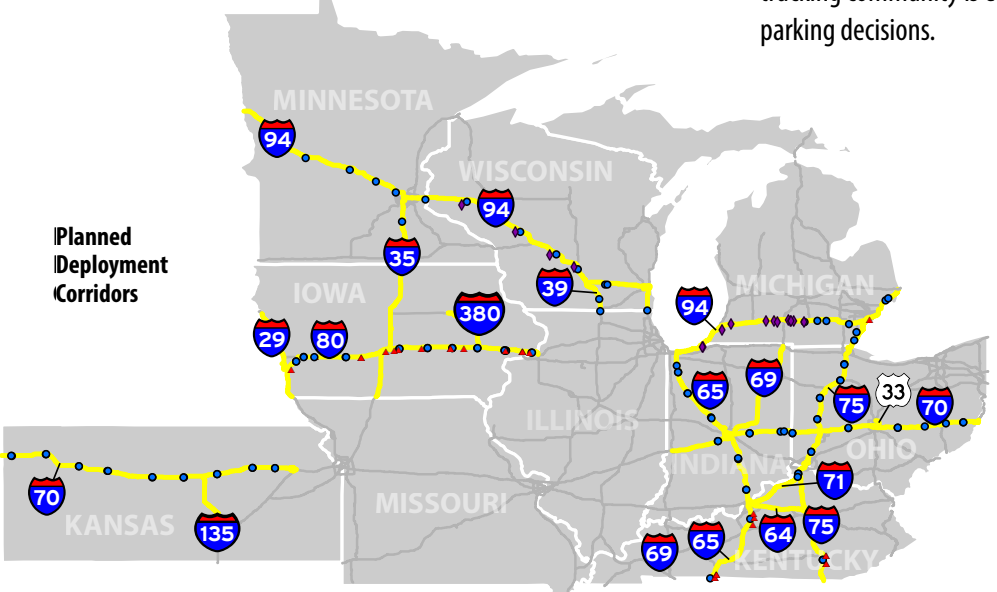
The MAASTO TPIMS initiative will provide a truly regional system. Truck drivers, dispatchers and others will see a consistent, cohesive parking-availability system as they cross state lines. This will be accomplished by consistently gathering, analyzing and distributing parking data through a common application programming interface - or API. However, each state also will have the flexibility to integrate proposed solutions into their existing transportation information systems.

### How much will the project cost?

TPIMS will cost \$28.6 million (in 2015 dollars) funded through a \$25 million Federal TIGER grant and state funds. However, it is expected to generate more than \$403 million in benefits. Better parking information will mean fewer non-routine maintenance repairs on highway shoulders and ramps due to illegal parking. The system will also provide more efficient movement of goods, less fuel consumption and reduced emissions by reducing time truck drivers spend looking for parking.

### How does the project benefit the MAASTO Partner States?

This multi-state collaboration will provide cost efficiencies and innovations in design, procurement and deployment across the MAASTO region. This will produce a safer, more efficient freight network as the trucking community is empowered to make better, more informed parking decisions.

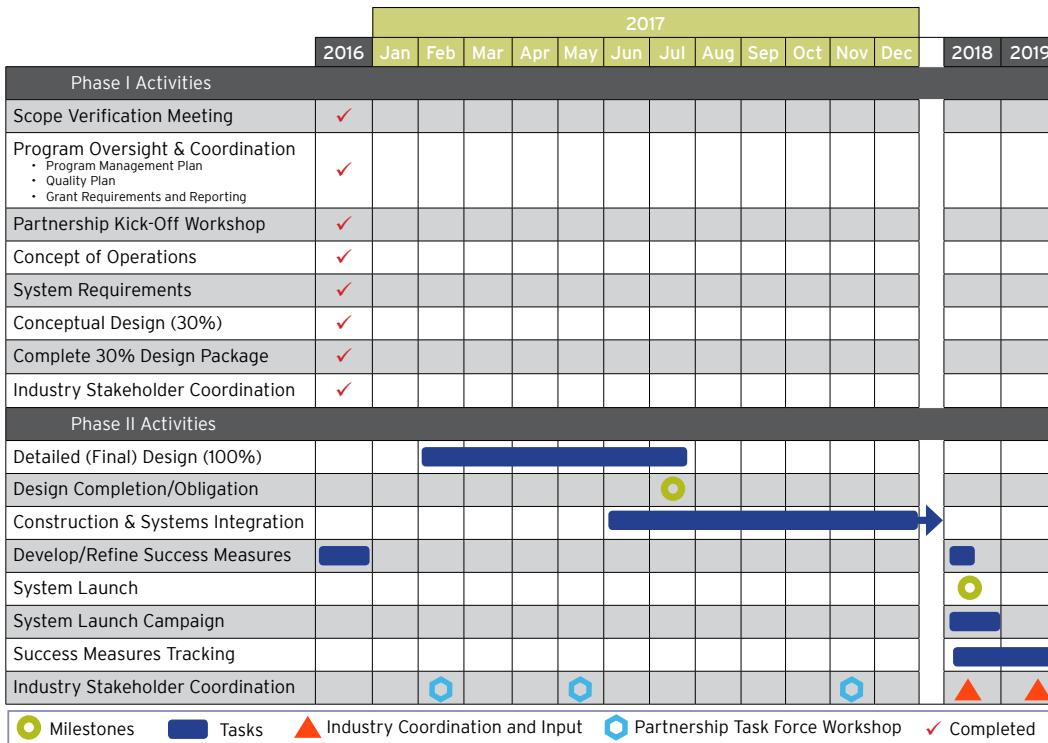


**Legend**

- Planned Deployment Corridors
- Public Sites
- ▲ Private Sites
- ◆ Existing Sites

### TPIMS Deployment Corridors

When completed, TPIMS will cover more than 150 monitored parking sites on nine high-volume freight corridors: I-35; I-39; I-64; I-65; I-70; I-71; I-75; I-80; I-94; I-135, and U.S. 33 (OH)



### Project Schedule

The federal TIGER grant — the major funding for the Regional TPIMS — has an aggressive implementation schedule. In Phase 2, key dates include:

Summer 2017 – Contractor hired;  
 Fall 2017 – Construction; and  
 Fall 2018 – TPIMS deployment

## Iowa Procurement

### Description of Work

The Iowa DOT will implement its initiative by selecting the most qualified responsive responder to the RFP to deploy, operate and maintain remote monitoring and detection equipment at public rest areas and private truck stops along the I-80 corridor in Iowa. The Successful Responder shall be responsible to deploy a system that collects and provides real-time truck parking availability data indicating the number of open truck parking spaces at public rest areas and private truck parking and other privately owned truck stops. The data shall be made available through a public data feed for use by Iowa DOT's 511 Traveler Information System and other interested third parties to disseminate the data to end users.

Responders shall describe in detail how the proposed system will meet or exceed the the MAASTO TPIMS Project Concept of Operations and Project System Requirements.

Other key dates and information and dates to note:

- RFP Release: May 19, 2017
- RFP Due: June 28, 2017
- Presentations (by Invitation Only): Week of July 31, 2017
- Selection: August 11, 2017
- Notice to Proceed: September 11, 2017

Interested vendors should regularly:

- Direct link to RFP [here](#)
- Check the Iowa DOT "Doing Business" page [here](#)

## For More Information

Jean Gustafson  
 800 Lincoln Way  
 Ames, Iowa 50010  
 Phone: 515-239-1173  
 Fax: 515-239-1538  
 Iowa Department of Transportation  
[jean.gustafson@iowadot.us](mailto:jean.gustafson@iowadot.us)

[www.trucksparkhere.com](http://www.trucksparkhere.com)

