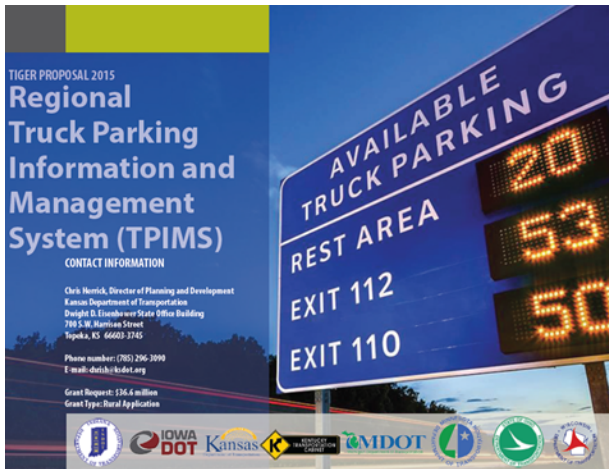




MAASTO TPIMS Project

The MAASTO TPIMS Project

The Ohio 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?

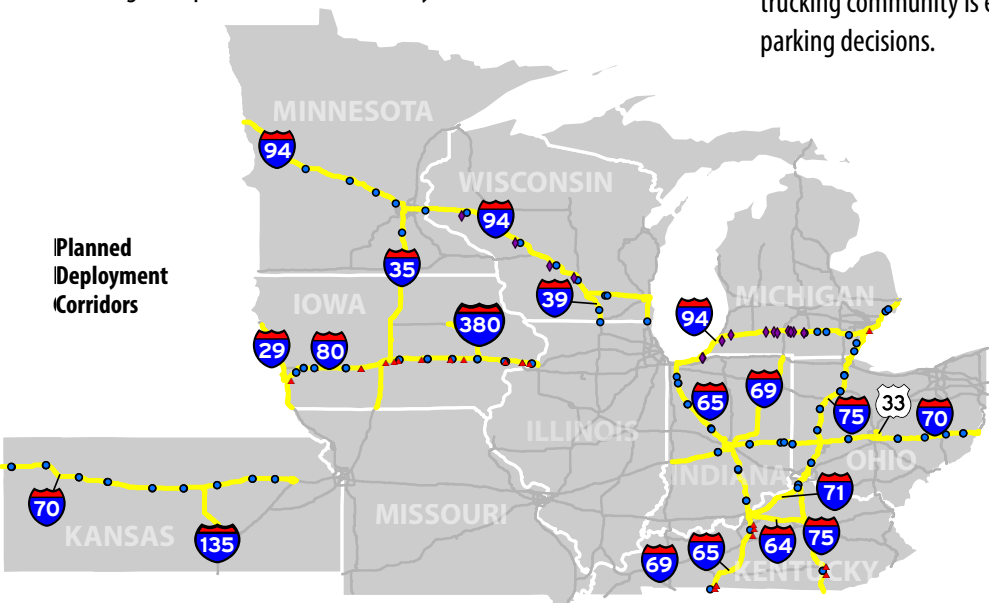
The MAASTO TPIMS initiative will provide a truly regional system. Truck drivers, dispatchers and others will see a consistent, cohesive parking-availability system as they cross state lines. This will be accomplished by consistently gathering, analyzing and distributing parking data through a common 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)



Ohio Procurement

The Ohio DOT intends to build its portion of the eight-state TPIMS system through its design-build procurement process.

The successful design-build team will be responsible for building, operating and maintaining Ohio's TPIMS elements along U.S. 33 and Interstates 70 and 75.

The successful Bidder will be the team that maximizes the quantity of work (Base Scope and number of Additive Alternate groups) and has the lowest bid below the Base Bid when compared to other Bidders when considering the same groups of Additive Alternates.

The following work types must be performed by members of the Consultant Team:

- Non-Complex Roadway Design
- Traffic Signal System Design
- Limited Lighting Design
- Complex Lighting Design

A Design Build Team seeking to bid must be prequalified by the DOT according to ORC Chapters [5525](#) & [5526](#), and the rules and regulations governing prequalification. Upon request, the Department will provide a prequalification application, applicable rules and regulations, and other relevant information. Prospective Bidders that are not yet prequalified should submit a properly completed prequalification application at least 30 days before the date specified for receipt of Bids.

Other key dates and information and dates to note:

- Release of bid documents: March 13, 2017
- Pre-Bid Meeting: April 4, 2017; Springfield, OH
- Bids due: May 11, 2017
- Selection announced: May 22, 2017

	2017												2018	2019
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Phase I Activities														
Scope Verification Meeting	✓													
Program Oversight & Coordination • Program Management Plan • Quality Plan • Grant Requirements and Reporting	✓													
Partnership Kick-Off Workshop	✓													
Concept of Operations	✓													
System Requirements	✓													
Conceptual Design (30%)	✓													
Complete 30% Design Package	✓													
Industry Stakeholder Coordination	✓													
Phase II Activities														
Detailed (Final) Design (100%)														
Design Completion/Obligation														
Construction & Systems Integration														
Develop/Refine Success Measures														
System Launch														
System Launch Campaign														
Success Measures Tracking														
Industry Stakeholder Coordination														

Milestones
 Tasks
 Industry Coordination and Input
 Partnership Task Force Workshop
 Completed

Project Schedule

The federal TIGER grant — the major funding for the Regional TPIMS — has an aggressive implementation schedule. In Phase 2, key dates include: May 2017 – Contractor hired; Fall 2017 – Construction; and Fall 2018 – TPIMS deployment

Interested vendors should regularly:

- Review pertinent procurement content at the Ohio Dept. of Transportation's Office of Consultant Services - [Here](#)
- Pose questions prior to the letting date through the Prebid question web submittal form: [Here](#)
- Review answers to those questions at the following location: [Here](#)

For More Information

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