



# Vendor Information Forum

## Truck Parking Information Management Systems (TPIMS)

### TPIMS Vendor Forum

2:00-4:00 pm Tuesday, June 7

S.E. Michigan Transportation

Operations Center

1060 W. Fort St., Detroit

### Agenda

- Project Overview
- Schedule and Key Milestones
- Regional Concepts
- Vendor Opportunities
- Project Q&A

### Contact

For more information or  
to RSVP to the Forum or  
simultaneous WebEx, contact

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816.527.2133.

A WebEx invitation will be  
emailed just prior to the Forum  
to those who cannot attend the  
Detroit event.

*Technology service providers, hardware manufacturers, software developers, real-time display vendors and others should plan to attend the TPIMS Vendor Workshop to learn more about the potential business opportunities presented by the \$25 million regional TPIMS project.*

The TPIMS Project is an innovative solution undertaken by members of the Mid America Association of State Transportation Officials (MAASTO) to address critical truck parking issues affecting regional economic competitiveness and the national freight network's safety and efficiency.

Although access to safe and convenient parking areas for trucks is essential for a robust freight transportation network, truck drivers consistently have difficulty finding areas to safely rest. More than 83% of drivers routinely took longer than 30 minutes to find parking. Drivers who have not located parking before reaching their hours of service limits are often forced to park illegally or unsafely, often on the shoulders of highways, on off-ramps or at abandoned facilities. This loss of productivity adds six percent or more to labor costs associated with moving goods.

In response to these concerns, the State of Kansas in partnership with Indiana, Iowa, Kentucky, Michigan, Minnesota, Ohio and Wisconsin are developing a multi-state Regional Truck Parking Information and Management System (TPIMS). The project is funded through a \$25 million TIGER grant and state funds.

The Regional TPIMS is envisioned to be a network of safe, convenient parking areas with the ability to collect and broadcast real-time parking availability to drivers through dynamic signs, smart phone applications and traveler information websites. This will enable drivers to plan their routes and make safer, smarter parking decisions throughout the eight-state region on high-volume freight corridors including: I-35, I-64, I-65, I-70, I-71, I-75, I-80, I-94 and I-135.

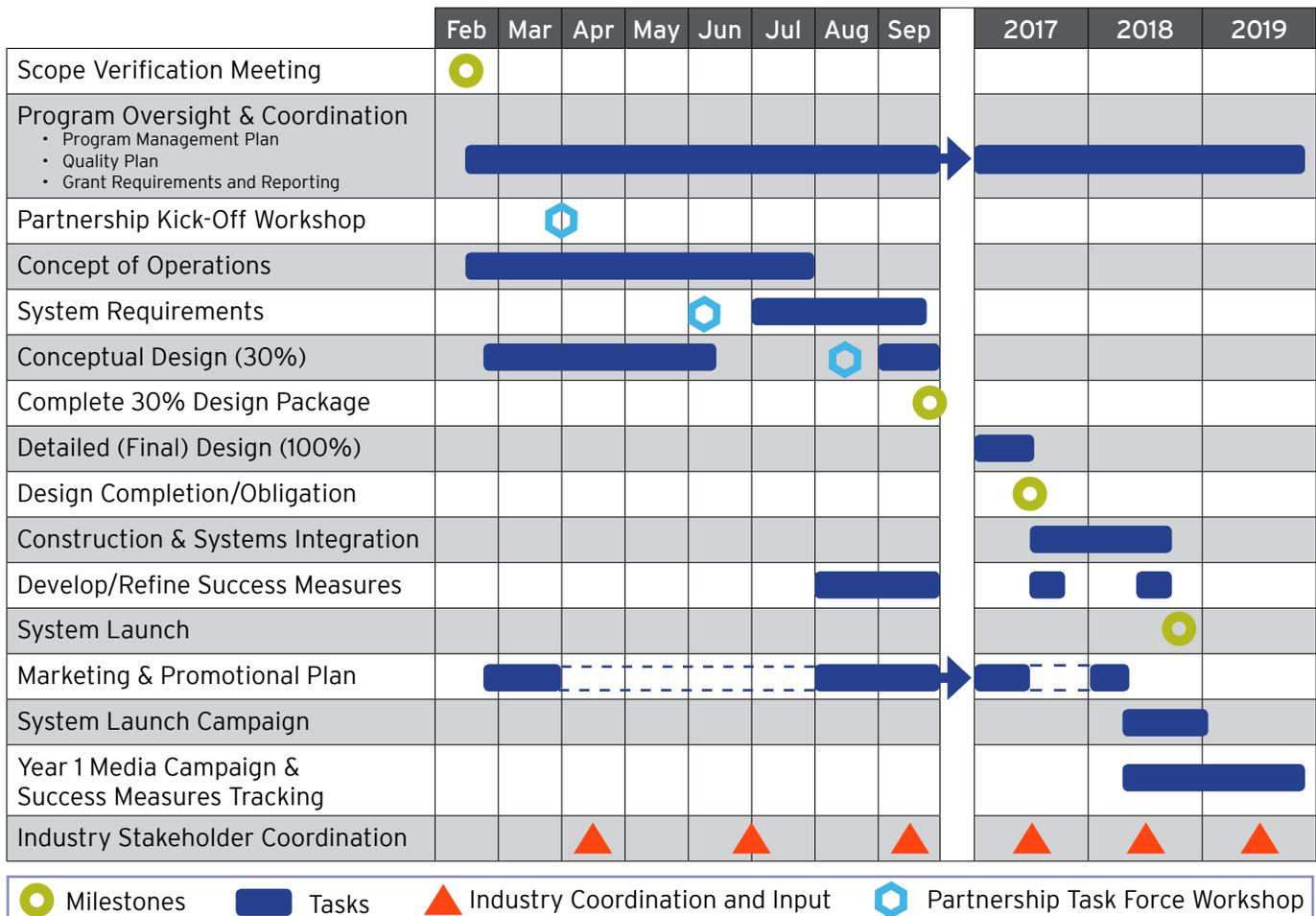
#### About the TPIMS Vendor Forum

This technical, educational program is intended to provide intelligent transportation systems (ITS) vendors with the opportunity to learn first-hand about this exciting new program designed to enhance the effectiveness and efficiency of our nation's interstate highways through the application of ITS. Attendees will be provided in-depth information on the scope, schedule, and budget for the TPIMS project. The program includes opportunities to network with industry leaders in interactive sessions to identify current and future technology applications. This is a professional service consultant outreach event being held in advance of any potential future release of a project-related Request for Proposal.



# MAASTO TPIMS Project

## Schedule for Developing and Deploying the Regional TPIMS Project



**Key Fact:** The TIGER grant has an aggressive schedule featuring four major milestones. A 30-percent design package must be delivered by September 30, 2016, with final plans by June 1, 2017. This sets the stage for full funding to be obligated by September 30, 2017. TPIMS will be completed and operational by September 30, 2018.

The Regional TPIMS project is being conducted in two phases: Phase 1 includes conceptual design (30-percent design level); and Phase 2 includes final design (100-percent design level), procurement and deployment oversight of the project. Phase 1 of the project includes the following tasks:

- Systems Engineering:** Develop the TPIMS concept of operations, system and design requirements, design standards and 30-percent design plans.
- Stakeholder Engagement:** Secure industry input regarding system concepts and create consistent project communications and branding.
- Performance Measures:** Develop measures to track the TPIMS project’s progress and effectiveness.
- Grant Oversight:** Oversee compliance with federal TIGER grant requirements.
- Project Management:** Coordinate project team consultation, tasks and quality control/quality assurance activities.
- Future Needs:** Identify future needs for the final design, procurement process and deployment of TPIMS.