Effectiveness of Tire Safety Screening Systems

U.S. Department of Transportation
Federal Motor Carrier Safety Administration

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ANALYSIS, RESEARCH, & TECHNOLOGY FORUM

VIRTUAL EVENT





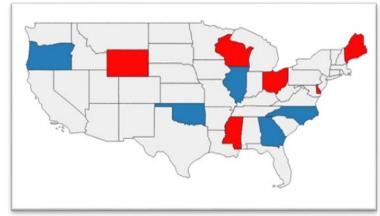


Tire Safety Screening Systems

- Many states using systems to identify tire safety issues
 - Sensors embedded in the pavement
 - Display of summarized data at the roadside
- Can be integrated with bypass systems and/or variable message signs



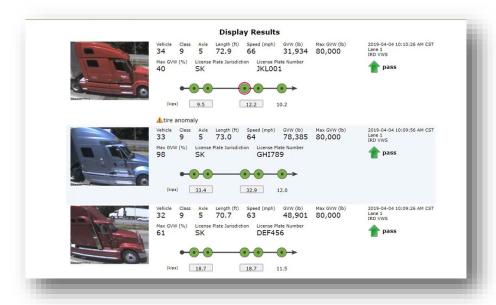
Tractor encountering sensor strip



Kistler (IIS)

IRD (TACS)

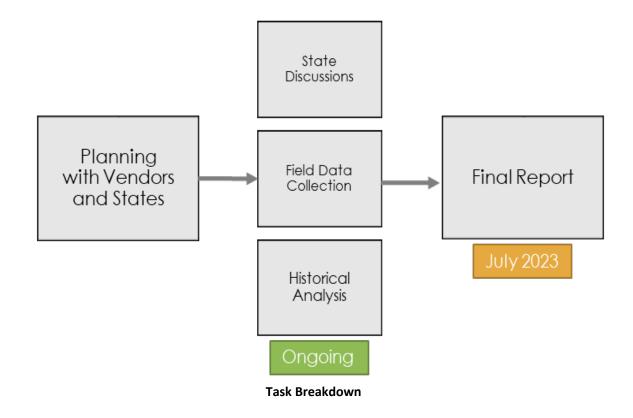
States Currently Using Tire Safety Screening Systems



Screenshot of Data Provided to Roadside

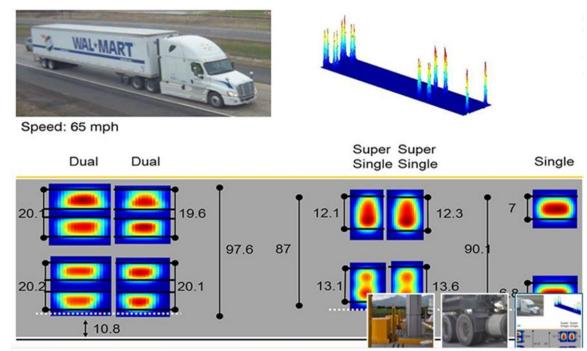
Tire Safety Screening Systems

- Quantify effectiveness through data collection and feedback from users
 - Expect approximately 1,000 screened trucks
 - Assess varying ways States are utilizing systems



Tire Safety Screening Systems

- Project Goals:
 - Leverage existing tire screening systems to gather data and to better understand how States are currently using them.
 - Provide information to States considering deployment of these systems



Screenshot of Data Provided to Roadside



Sensor Strip in Road

Contact Information

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