

Smart Zone

SolarTech's Work Zone ITS software

INCIDENT DETECTION SYSTEM

REAL-TIME NOTIFICATIONS

An Incident Detection System provides real-time notifications to traffic managers when traffic volume in a work zone unexpectedly slows or stops.

Sensors (Side Fire Radar, Doppler Radar, etc.) placed prior to or in a work zone will detect changes in normal traffic flow. As the average speed drops below a user-defined threshold, a message is relayed to designated personnel. With the aid of cameras installed in and around the work zone, the incident location is identified, and the proper response (emergency responders, DOT maintenance crew, tow vehicle, etc.) can be dispatched. Motorists can be informed of incidents and delays via navigation software, 511 Travel Information Systems, and/or changeable message signs around the work zone.

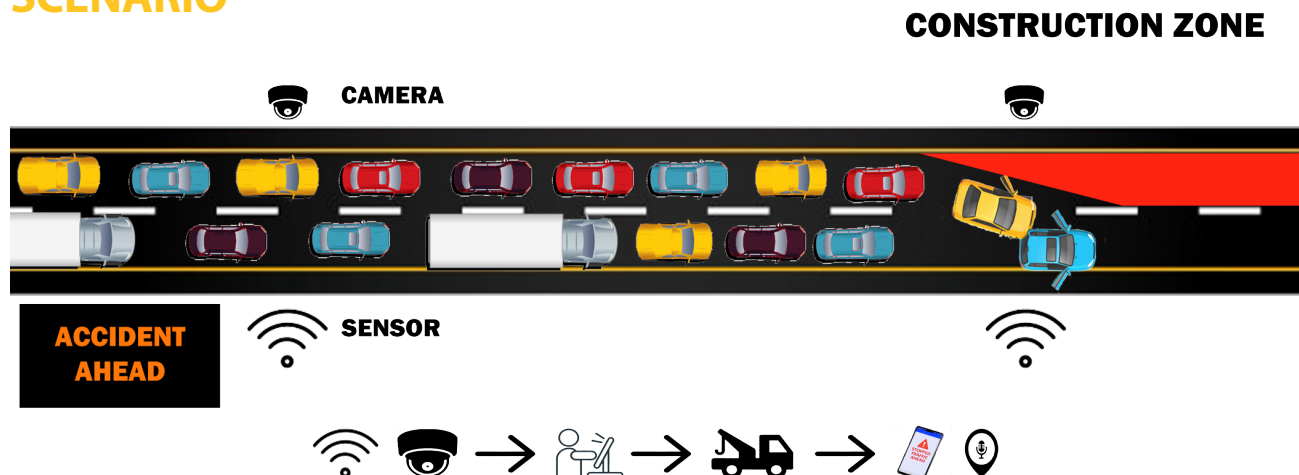
SAFE TRAVELS

Deployment of an Incident Detection System improves work zone safety, and reduces delays and secondary accidents.

Providing traffic managers with real-time information allows for swift incident verification and correct dispatch of response vehicles. This is not only a cost and time savings for responders and motorists, but for DOT's as well.

Smart Zone can be **integrated into existing ITS configurations**, can use data from **third party navigation platforms** (Waze, INRIX, Google Maps, etc.), and is designed to work with **traffic management systems**. The software offers the ability to monitor remotely, update messages, and send notifications via email and text.

SCENARIO



SmartZone: Putting the "Smart" in Smart Work Zones



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