Iowa Department of Transportation to Adopt Smart Arrow Board Technology

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AMES, Iowa – In January 2019, the Iowa Department of Transportation announced its plans to adopt Smart Arrow Board technology to collect near real time data on the status of lane closures in construction and maintenance work zones.

Timely and accurate information on work zones is becoming increasingly important, not only to road authorities, but to other public and private stakeholders involved with managing road construction and maintenance activities. Also, with the anticipated deployment of connected vehicles, driver notifications of work zone-related lane closures via in-vehicle displays offer opportunities for increased safety and increases the need for accurate information about active lane closures.

Complete technical information and implementation plan are available on Iowa DOT Work Zone Reference Library at https://iowadot.gov/workzonereferencelibrary

The deployment plan has been updated based on industry feedback, and a demonstration and evaluation of various arrow board models and manufactures is being planned for the 2019 construction season. Manufacturers and suppliers are invited to participate in this demonstration and evaluation to provide a real world look at the effectiveness and ability of this technology to provide accurate research quality data for work zones.

To participate in the demonstration or for more information, contact Dan Sprengeler at Dan.Sprengeler@iowadot.us.

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