

## Wireless TMA Control



### Description

In the past, most maintenance facilities had only one truck dedicated for use as its TMA truck. However, if that truck breaks down, it's difficult to rewire another truck to use as the TMA truck. When the last 12 TMA trailers were received, the crew made them wirelessly controlled and powered through another source. The whole system is powered through the trailer receptacle and a wireless system is used to control the panic lights using a key fob. In addition, a small red light was placed by the arrow board facing the driver's mirror that illuminates when the panic lights are activated to alert the driver.

### Benefit

The Wireless TMA Control saves time and money, simplifies work and improves safety. This innovation eliminates the need for a dedicated TMA truck and provides ease of use through wireless technology. It is an effortless way to move a TMA from one truck to another, eliminating the need to have a dedicated TMA truck, which leads to issues when that truck is out of service. It also reduces the amount of wires leading from the TMA to the truck by incorporating wireless technology. This not only reduces the cost of fitting this to the truck, but also the cumbersome strapping of several wires attached to the side of the truck, which can create a trip hazard for the operator. Wireless TMA Control allows flexibility in a work zone for the panic lights to be activated if an individual is out of the truck.

### Materials and Labor

2.5 hours of staff time with \$75 in materials.

### For More Information Contact:

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Additional photos or videos can be seen by accessing the Innovations Challenge SharePoint page at: <http://sharepoint/systemdelivery/TP/Documents/InnovationsChallenge.aspx>.