



Application
 Traffic
 Responsive
 Travel "Journey" Time

Location
 Dublin, Ireland

Technology
 3 PCMS's
 10 Traffic Sensors

Duration
 2009

Project Description

M50 is the Major Freeway Toll Road Bypass for Dublin. This roadway is the busiest in Dublin carrying about 90,000 ADT. Travel time is being provided for motorists as they widen this toll way to 6 lanes. The travel time allows motorists to consider alternative routes when excessive travel times exist. This is Dublin's first work zone ITS system and is considered a test, which will likely lead to more portable active work zones on future projects.

Project Success

While the system provides travel times during congested times, the authorities noticed excessive average speeds throughout the work zone and well above posted speeds. As a result the JamLogic system logic was simply reconfigured to provide excessive speed warnings when the average speeds exceeded 95kph. This threshold speed was determined by examining speed data from the previous week and setting it just above the 85th percentile. The goal is to try to keep speeds reasonable and reduce differentials and unsafe speeds.

Project Reference

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