# Customer Notification

## Testing of Flashing Yellow Arrow (FYA) Functions on Caltrans Type Monitors

January 15, 2016

ATSI has released new software and firmware for the PCMT-8000 Conflict Monitor Tester to add testing of FYA functions for 2010 and 2018 type monitors. The normal tests for 2010 and 2018 type monitors are based off of *"Caltrans Traffic Signal Control Equipment Specifications, January 1989."* The Caltrans standard does not specify FYA operation and there are no plans to update it. Therefore, the FYA tests are based off of the *"NEMA Flashing Yellow Amendment 4-2012."* Since the FYA tests are not part of the Caltrans standard, they are listed in the software under "Optional" tests. They are **not required** to be ran to certify the monitor to Caltrans standards.

In order to test the FYA functions, the monitor must be configured so that the paired channel mapping, signal drivers and opposing through channel assignments correspond to one of the modes listed in Appendix B of the PCMT-8000 User's Manual (currently only Modes A, E, G, and H are supported). Each opposing through channel must conflict with the associated FYA protected turn channel and must be permissive with the associated flashing yellow arrow signal.

**The user will need to consult their monitor operations manual to determine how to configure the monitor. Some monitors may not be able to be configured for the available modes.**

The new software (v3.0 or greater) and firmware (v3.7 or greater) are available for downloading at: www.atsi-tester.com.

Please contact our service department at, 740-592-2874 or service@atsi-tester.com, if you have further questions.

If, you would like to purchase a new PCMT-8000 tester from MoboTrex, contact us at 563-323-0009 and we will get you set up.

MoboTrex Tuesday Traffic Talk February 16, 2016