Florida Traffic Infraction Detector Equipment and Testing Compliance Matrix (Derived from December 16, 2010 Equipment and Testing Specifications)

Date: April 4th 2015

Authorized Official

Item, Model No.: RedSpeed V2.0 RICS Manufacturer: RedSpeed USA Name (print): Robert Liberman Signature:

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TID does not capture nor store any front photographic or electronic images or videos of vehicle		rames	0	If Right Turn on Red events are enforced, TID captures and stores a minimum of 5 seconds of streaming video of the intersection that includes the rear of the vehicle and license tag beginning at a time the vehicle is in advance of the stop bar or clearly marked stop line with the corresponding traffic control signal steady red light and ending at a time after the vehicle is beyond the stop bar or clearly marked stop line with the corresponding traffic control signal steady red light.	TID captures and stores photographic or electronic image of the intersection that includes the rear of the vehicle and license tag at a time the vehicle is beyond the stop bar or clearly marked stop line with the corresponding traffic control signal steady red light visible in the image.	aptures and stores photographic or electronic image of the intersection that includes the of the vehicle and license tag at a time the vehicle is in advance of the stop bar or clearly ad stop line with the corresponding traffic control signal steady red light visible in the image.	multiple vehicles peed is in miles per		ent through lanes.	gle through lane.	vehicle in a single through lane with the presence of multiple adjacent through lanes.	with the presence of multiple	TID captures an Event with a single vehicle in a single through lane.	sensor installed to work in synchronized to automatically synchronized to automatically or streaming video of only the the stop bar or clearly marked	TID defines 'Event' as when a motor vehicle fails to stop behind the stop bar or clearly marked stop line when facing a traffic control signal steady red indication.	TID defines 'Compliant Vehicle' as a motor vehicle that stops behind the stop bar or clearly marked stop line when facing a traffic control signal steady red indication or traveling over the stop bar or clearly marked stop line when facing traffic control signal steady green or steady yellow indications.	Requirement
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Item comply? (Yes/No)
All violation images are taken from the rear																	Comments

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The alpha-numeric data and corresponding photographic or electronic image(s) are automatically Yes captured at the same time. The data is associated with the photographic or electronic image without human intervention. The TID equipment does not interfere with any traffic control signal or other FDOT or Traffic Signal Maintaining Agency equipment. TID equipment that requires regulation by the Federal Communications Commission (FCC) meets the requirements in the 2005 Code of Federal Regulation (CFR), Title 47, Part 15, and is FCC certified. The FCC identification number is externally displayed on the TID equipment. If visible illumination is used, the power of an illuminator (flash) device does not exceed 350 Yes watts/second.					
38 38		S	98 98	88 88 88	85 85 85
Current sensing transformers Non white light flash - IR LED illumination only					
4.2 If visible illumination is used, the power of an illuminator (flash) device does not exceed 350 Yes watts/second.	5, 5, 0	4.3 TID cabinets and camera housings have protective measures against vandalism. 5.0 If the Traffic Signal Maintaining Agency allows access to the traffic control signal cabinet, the TID does not impact operations or maintenance of the traffic control signals, or any other traffic control signal cabinet wiring is electrically isolated from the traffic control signal cabinet. Electrical sensing devices are "donut" current transformers or Hall-effect devices. No other physical or electrical connections to traffic signal control circuits are allowed, including load switch driver control circuits, load switch signal circuits and detection circuits. 5.1 All TID equipment is electrically isolated from traffic signal equipment. 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