

6600100 VEHICLE DETECTION SYSTEM
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (8/18/22, Industry)

660-4.4 Wrong Way Vehicle (WWVDS) Detection System: Can you please add a statement that WWD signs turn on prior to the vehicle arrives.

Response: Added requirement for sign activation prior to vehicle arrival as suggested.

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Comments: (8/24/22, Industry)

D3 Comment: 660-2.1 "Material for Thermal detection is not mentioned under section 995".

Response: Thermal is a type of camera technology that can be used as part of a video detection system and APL approval is based on the requirements for video detection systems. Deleted the reference to Thermal Detection in 660-2.1. There are also plans to update the APL by removing the product type "Vehicle Detector – Thermal" and moving products currently listed there to the "Vehicle Detector – Video" product type listing.

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Comments: (8/31/22, Industry)

What if there is not enough night time traffic to equal 150 vehicles?

660-4.4.2 False Positive Testing: Conduct this test on a ramp open to the traveling public. Test the WWVDS by monitoring a minimum of 300 total vehicles traveling in the correct direction of travel passing through the WWVDS detection zones. At least 150 vehicles shall be monitored during daylight hours and at least 150 vehicles shall be monitored at night.

Response: The specified volumes are based on past field experience and should be achievable. Edited the section to clarify that the Engineer has the authority to adjust under low volume conditions if necessary.

Suggest adding information related to the labeling of wires within the cabinet similar to what is required for Traffic Cabinets in Section 676.

Response: Added requirement for labelling as suggested.
