



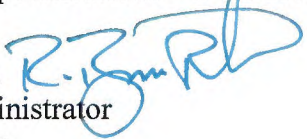
U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

# Memorandum

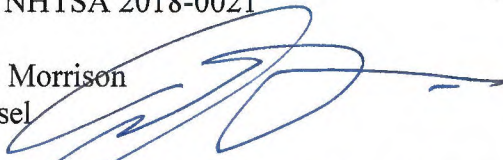
Subject: **ACTION**: Docket Agency Correspondence,  
Development of a Performance Specification for Camera/Video  
Imaging Systems on Heavy Vehicles  
Final Report: Specifications – DOT HS 810 958

Date: OCT 02 2019

From: R. Ryan Posten   
Associate Administrator  
for Rulemaking

Reply to  
Attn. Of: NRM-210

To: Docket No. NHTSA 2018-0021

Thru: Jonathan C. Morrison   
Chief Counsel

The enclosed attachment is forwarded for placement in Docket NHTSA-2018-0021 Camera Monitor Systems. The docket contains documents relating to the advance notice of proposed rulemaking (ANPRM) about the feasibility of using camera monitor systems (CMS) as an alternative to rearview mirrors under Federal motor vehicle safety standard (FMVSS) No. 111, "Rear Visibility". The attached report was developed by the Virginia Tech Transportation Institute for NHTSA and published in 2008. The report provides performance specifications guidance for camera-video systems used on heavy vehicles. The supporting research can be found in the companion report "Development of a Performance Specification for Camera/Video Imaging Systems on Heavy Vehicles - Final Report: Supporting Research" - DOT HS 810 960 (this report is also proposed for docket submission).

Specifications were developed for camera/video imaging systems on heavy vehicles relating to: operating temperature, monitor luminance, minimum resolution, camera locations and specifications, monitor location and size, backup requirements and others.

Should you have any questions, please contact Andrei Denes by telephone at 202-366-9544.

Attachment

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