carry out the assumed responsibilities. Other non-compliance observations could suggest a persistent failure to adequately consult, coordinate, or consider the concerns of other Federal, State, Tribal, or local agencies with oversight, consultation, or coordination responsibilities. The FHWA expects UDOT to develop and implement corrective actions to address all non-compliance observations.

The following non-compliance observation relates to UDOT not complying with the State’s environmental review procedures.

Non-Compliance Observation #1—Issuing a Document Without Final Legal Sufficiency Finding

As noted in UDOT’s Self-Assessment and confirmed through audit interviews and project file reviews, the Audit Team learned that in the case of one project’s individual Section 4(f) evaluation, while outside counsel reviewed and commented on the draft evaluation prior to its release, the project file contained no documentation demonstrating that the required legal sufficiency review was completed pursuant to 23 CFR 771.125(b) and/or 23 CFR 774.7(d) prior to UDOT’s approval of the evaluation. This was also not in accordance with UDOT’s QA/QC plan, Section 4.1.B, which requires the reviewing attorney to provide the Environmental Program Manager with written documentation that the legal sufficiency review has been completed. The UDOT’s response to the draft audit report indicated that they have since implemented a standard checklist form, to be completed by legal counsel, to document their project review to clarify the documentation of legal sufficiency reviews.

Next Steps

The FHWA provided this draft audit report to UDOT for a 30-day review and comment period. The Audit Team considered UDOT comments in developing this draft audit report. The FHWA will publish a notice in the Federal Register for a 30-day comment period in accordance with 23 U.S.C. 327(g)(2)(A). No later than 60 days after the close of the comment period, FHWA will respond to all comments submitted to finalize this draft audit report pursuant to 23 U.S.C. 327(g)(2)(B). Once finalized, FHWA will publish the final audit report in the Federal Register.

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DEPARTMENT OF TRANSPORTATION

Federal Motor Carrier Safety Administration

[Docket No. FMCSA–2019–0286]

Parts and Accessories Necessary for Safe Operation; Robert Bosch, LLC and Mekra Lang North America, LLC

Application for an Exemption

AGENCY: Federal Motor Carrier Safety Administration (FMCSA), Transportation (DOT).

ACTION: Notice of final disposition.

SUMMARY: The Federal Motor Carrier Safety Administration (FMCSA) announces its decision to grant a limited 5-year exemption to Robert Bosch, LLC and Mekra Lang North America, LLC (Bosch and Mekra Lang) to allow motor carriers to operate commercial motor vehicles (CMVs) with the companies’ CV (Commercial Vehicle) Digital Mirror System installed as an alternative to the two rear-vision mirrors required by the Federal Motor Carrier Safety Regulations (FMCSRs). The Agency has determined that granting the exemption would likely achieve a level of safety equivalent to, or greater than, the level that would be achieved by the current regulation (49 CFR 381.305).

The decision of the Agency must be published in the Federal Register (49 CFR 381.315(b)) with the reasons for denying or granting the application and, if granted, the name of the person or class of persons receiving the exemption, and the regulatory provision from which the exemption is granted. The notice must also specify the effective period (up to 5 years) and explain the terms and conditions of the exemption. The exemption may be renewed (49 CFR 381.300(b)).

Bosch and Mekra Lang Application for Exemption

Bosch and Mekra Lang applied for an exemption from 49 CFR 393.80(a) to allow its CV Digital Mirror System to be installed as an alternative to the two rear-vision mirrors required on CMVs. A copy of the application is included in the docket referenced at the beginning of this notice.

Section 393.80(a) of the FMCSRs requires that each bus, truck, and truck-tractor be equipped with two rear-vision mirrors, one at each side. The mirrors must be positioned to reflect to the driver a view of the highway to the rear and the area along both sides of the CMV. Section 393.80(a) cross-references the National Highway Traffic Safety Administration’s (NHTSA) standards for mirrors on motor vehicles (49 CFR 571.111, Federal Motor Vehicle Safety Standard [FMVSS] No. 111). Paragraph S7.1 of FMVSS No. 111 provides requirements for mirrors on multipurpose passenger vehicles and trucks with a gross vehicle weight rating (GVWR) greater than 4,536 kg and less than 11,340 kg and each bus, other than a school bus, with a GVWR of more than 4,536 kg. Paragraph S8.1 provides requirements for mirrors on multipurpose passenger vehicles and trucks with a GVWR of 11,340 kg or more.

The CV Digital Mirror System consists of multiple digital cameras firmly
mounted high on the exterior of the vehicle, enclosed in an aerodynamic package that provides both environmental protection for the cameras and a mounting location for optimal visibility. Each camera has proprietary video processing software that presents a clear, high-definition image to the driver by means of a monitor firmly mounted to the left and right A-pillar of the CMV, i.e., the structural member between the windshield and door of the cab. Bosch and Mekra Lang explain that attaching the monitors to the A-pillars avoids the creation of additional blind spots while eliminating the blind spots associated with conventional mirrors. Bosch and Mekra Lang state that its CV Digital Mirror System meets or exceeds the visibility requirements provided in FMVSS No. 111 based on the following factors:

- The cameras and screens are securely mounted to ensure that vibration does not adversely affect field of vision or cause the driver to misinterpret images.
- The system tracks the end of the trailer and pans the camera’s view to ensure that the trailer’s end remains in view while it is in motion.
- The left and right video channels are processed independently so that a failure of one camera or one monitor does not affect the camera or monitor on the opposite side.
- The system reduces glare from ambient light, provides color night vision, and uses lowlight functionality.
- The screen uses anti-glare, anti-reflection, and anti-fingerprinting coating to keep the screens readable in a variety of environmental conditions.
- The system’s ergonomics are such that it requires reduced upper-body range of motion, thereby reducing driver fatigue.
- The system’s fixed-mount design eliminates the need for aim adjusting for different drivers.
- Polarization of the screen is aligned with that in polarized sunglasses so that the screen remains visible to operators using such sunglasses.

The exemption would apply to all CMV operators driving vehicles with the CV Digital Mirror System. Bosch and Mekra Lang believe that mounting the system as described would maintain a level of safety that is equivalent to, or greater than, the level of safety achieved without the exemption.

Request for Comments

FMCSA published a notice of the application in the Federal Register on January 30, 2020, and asked for public comment (85 FR 5534). The Agency received 3 comments, from the American Bus Association (ABA) and 2 individuals.

ABA supports granting the application, stating:

Camera-based visibility systems or CBVSs, like the CV Digital Mirror System technology, are vehicle technology advancements ABA believes should be deployed to improve safety of CMV operations. Such systems are currently being installed and tested by equipment manufacturers in limited capacity; however, to ascertain real-world viability, equipment manufacturers need to deploy these systems for use in actual commercial operations. As with FMCSA’s decision to grant an exemption to Stoneridge, Inc. for use of its MirrorEye Camera Monitor System (see Docket No. FMCSA–2018–0141, published February 21, 2019), and Vision Systems North America for its SmartVision system (see Docket No. FMCSA–FMCSA–2019–0159, published January 15, 2020) in place of mirrors, the CV Digital Mirror System will achieve a level of safety equivalent to or greater than the level of safety provided by the regulation.

In addition, ABA stated that when compared to traditional mirrors, the CV Digital Mirror System provides additional visibility benefits including (1) anti-glare, (2) improved visibility at night and during adverse weather conditions, and (3) elimination of blind spots by providing a broader field of vision around the vehicle. ABA noted that the improvements in driver visibility can lead to enhanced maneuverability in backing up or turning a large vehicle. ABA also stated that eliminating the side mirrors may also provide fuel efficiency gains and carbon emission reductions, and may assist in reducing actions that lead to increased driver fatigue such as head and eye movements. In addition to noting that the exemption would be consistent with FMCSA’s decision to grant exemptions to Stoneridge, Inc. and Vision Systems for similar systems, ABA also stated that granting the exemption is consistent with recent activities by NHTSA relating to possible revisions to FMVSS No. 111. Specifically, NHTSA published a notice and request for public comment on August 28, 2019 (84 FR 45209), on a proposed collection of information relating to a multi-year research effort to learn about drivers’ use of camera-based systems designed to replace traditional outside rearview mirrors. Initial research will focus on light vehicles, and be followed by research examining camera-based visibility systems on heavy trucks. Additionally, NHTSA published an advance notice of proposed rulemaking on October 10, 2019 (84 FR 54533), seeking public comment on permitting camera-based rear visibility systems as an alternative to inside and outside rearview mirrors.

Two individuals provided comments and noted concerns with the CV Digital Mirror System. One commenter suggested that the cameras be used in conjunction with standard rearview mirrors, rather than replacing them, due to concerns that an unsafe operating condition would exist in the event of a camera failure. Another commenter noted that neither the FMCSR nor the CVSA out-of-service criteria address camera-based mirror systems.

FMCSA Decision

The FMCSA has evaluated the Bosch and Mekra Lang exemption application, and the comments received. For the reasons discussed below, FMCSA believes that granting the exemption to allow motor carriers to operate CMVs with the CV Digital Mirror System installed as an alternative to the two rear-vision mirrors required by the FMCSR is likely to achieve a level of safety equivalent to or greater than the level of safety provided by the regulation.

Use of the CV Digital Mirror System provides CMV drivers with an enhanced field of view when compared to the required rear-vision mirrors because (1) it eliminates the blind spots on both sides of the vehicle created by the required rear-vision mirrors, (2) the multi-camera system expands the field of view compared to the required rear-vision mirrors by an estimated 25 percent, and (3) the system uses high definition cameras and monitors that include features such as color night vision, low light sensitivity, and glare reduction that together help provide drivers with improved vision in the field of view when compared to traditional rear-vision mirrors.

FMCSA notes that the CV Digital Mirror system is currently being used in a number of European countries as a legal alternative to the traditional rear-vision mirrors under the requirements of ISO (International Organization for Standardization) 16505 Rev 2019. That standard provides minimum safety, ergonomic, and performance requirements for camera monitor systems to replace mandatory inside and outside rearview mirrors for road vehicles. The ISO standard addresses camera monitor systems that will be used in road vehicles to present the required outside information of a specific field of view inside the vehicle. The CV Digital Mirror System has also been validated to meet ISO 26262-2011, Road Vehicles—Functional Safety; and United Nations Economic Commission
for Europe (UNECE) R46 rev 06—
Devices for Indirect Vision.

FMCSA acknowledges the concerns of the two individual commenters regarding use of the CV Digital Mirror System. The FMCSRs impose several operational controls that will help ensure that the CV Digital Mirror System is functioning properly at all times. Section 396.7 of the FMCSRs, “Unsafe operations forbidden,” prohibits any vehicle from being operated in such a condition as to likely cause an accident or breakdown of the vehicle. Section 392.7(a) requires each CMV driver to satisfy himself/herself that a vehicle is in safe condition before operating the vehicle, which would include ensuring that the rear-vision mirrors are (or in this case, that the CV Digital Mirror System is) in good working order. Similarly, section 396.13(a) of the FMCSRs requires that, before driving a vehicle, a driver must be satisfied that the vehicle is in safe operating condition. If the CV Digital Mirror System (effectively functioning as the rear-vision mirrors) fails during operation, the driver must complete a driver vehicle inspection report at the completion of the work day as required by section 396.11 of the FMCSRs, and the motor carrier must ensure that the defect is corrected.

Terms and Conditions for the Exemption

The Agency hereby grants the exemption for a 5-year period, beginning September 17, 2020 and ending September 17, 2025. During the temporary exemption period, motor carriers operating CMVs may utilize the Bosch and Mekra Lang CV Digital Mirror System installed in lieu of the two rear-vision mirrors required by section 393.80 of the FMCSRs. FMCSA emphasizes that this exemption is limited to the Bosch and Mekra Lang CV Digital Mirror System, and does not apply to any other camera-based mirror replacement system/technology. Section 396.7 of the FMCSRs, “Unsafe operations forbidden,” prohibits any vehicle from being operated in such a condition as to likely cause an accident or a breakdown of the vehicle. If the camera or monitor system fails during normal vehicle operation on the highway, continued operation of the vehicle shall be forbidden until (1) the CV Digital Mirror system can be repaired, or (2) conventional rear-vision mirrors that are compliant with section 393.80 are installed on the vehicle.

The exemption will be valid for 5 years unless rescinded earlier by FMCSA. The exemption will be rescinded if: (1) Motor carriers and/or CMVs fail to comply with the terms and conditions of the exemption; (2) the exemption has resulted in a lower level of safety than was maintained before it was granted; or (3) continuation of the exemption would not be consistent with the goals and objectives of 49 U.S.C. 31136(e) and 31315(b).

Interested parties possessing information that would demonstrate that motor carriers operating CMVs utilizing the Bosch and Mekra Lang CV Digital Mirror System installed as an alternative to two rear-vision mirrors are not achieving the requisite statutory level of safety should immediately notify FMCSA. The Agency will evaluate any such information and, if safety is being compromised or if the continuation of the exemption is not consistent with 49 U.S.C. 31136(e) and 31315(b), will take immediate steps to revoke the exemption.

Preemption

In accordance with 49 U.S.C. 31313(d), as implemented by 49 CFR 391.600, during the period this exemption is in effect, no State shall enforce any law or regulation applicable to interstate commerce that conflicts with or is inconsistent with this exemption with respect to a firm or person operating under the exemption. States may, but are not required to, adopt the same exemption with respect to operations in intrastate commerce.

James W. Deck,
Deputy Administrator.

DEPARTMENT OF TRANSPORTATION

Federal Railroad Administration

Revised Notice of Intent To Prepare an Environmental Impact Statement for the Link Union Station Project, Los Angeles, CA

AGENCY: Federal Railroad Administration (FRA), Department of Transportation (DOT).

ACTION: Notice.

SUMMARY: The Federal Railroad Administration (FRA), on behalf of the California High-Speed Rail Authority (Authority), as the federal lead agency under National Environmental Policy Act (NEPA) Assignment is issuing this notice to advise other Federal, state, local, and tribal agencies and the public that the Authority intends to revise the scope of the analysis of the Environmental Impact Statement (EIS) for the Link Union Station Project (Link US Project) in the cities of Los Angeles and Vernon, California, compliance with relevant state and federal laws, in particular NEPA.

DATES: Written comments on the scope of the Link US Project EIS should be provided to the Authority or Metro starting on September 18, 2020, and must be received by the Authority or Metro on or before October 19, 2020, as noted below. In response to COVID–19, a virtual public scoping meeting is scheduled to occur on October 8, 2020, 6:00 p.m. to 8:00 p.m., Pacific Time. Prior to the scoping meeting date and time noted above, information regarding how to participate in the virtual meeting will be provided at the following location: https://www.metro.net/projects/link-us/. Additionally, further information can be obtained by calling 213–922–2524. Spanish, Chinese (Simplified), and Japanese translation will be provided. You may call 213–922–2499 at least 72 hours in advance of the meeting to request ADA accommodations or other translation services. The scoping presentation and all materials presented during the virtual scoping meeting will be made available on Metro’s website referenced above.

ADDRESSES: Questions or written comments on the scope of the Link US Project EIS should be sent to Mark A. McLoughlin, Director, Environmental Services Branch, ATTN: Link US Project, California High-Speed Rail Authority, 770 L Street, Suite 620, Sacramento, CA 95814 or via email with the subject line “Link US Project” to mark.mcloughlin@hsr.ca.gov or to Vincent Chio, Metro, Director of Program Management, Regional Rail, Los Angeles County Metropolitan Transportation Authority, One Gateway Plaza (Mail Stop 90–17–2), Los Angeles, CA 90012 or via email with the subject line “Link US Project” to linkunionstation@metro.net. Comments may also be provided during the virtual public scoping meeting described above.

FOR FURTHER INFORMATION CONTACT: For the Authority: Mark A. McLoughlin, Director of Environmental Services, California High-Speed Rail Authority, (telephone: 916–403–6934; email: mark.mcloughlin@hsr.ca.gov). For the FRA: Stephanie B. Perez-Arrieta, Regional Lead, Environmental Protection Specialist, Federal Railroad Administration (telephone: 202–493–0388; email: s.perez-arrieta@dot.gov).

SUPPLEMENTARY INFORMATION: The Los Angeles County Metropolitan Transportation Authority (Metro) is a joint-lead agency under NEPA and the local project sponsor for the Link US