

MARYLAND STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC AND SAFETY
7491 Connelley Drive
Hanover, MD 21076

PROCEDURES FOR THE QUALIFICATION OF TRAFFIC BARRIER DELINEATORS

The Maryland Department of Transportation State Highway Administration (MDOT SHA) Office of Traffic and Safety (OOTS) maintains a Qualified Products List (QPL) that includes Traffic Barrier Delineators. Traffic Barrier Delineators shall conform to the following:

- Section 950 of [MDOT SHA's Standard Specifications for Construction and Materials](#)
- The applicable standards from the [Book of Standards for Highway and Incidental Structures](#)
- [AASHTO/FHWA Roadside Hardware Policy Memoranda and Guidelines](#)

If you are interested in having your product qualified, please visit [Maryland's Product Evaluation Listing \(MPEL\)](#) and then select "Vendor Registration" to begin the process.

No crash testing will be required for Traffic Barrier Delineators until there is a MASH 2016 crash testing matrix developed for this category. MDOT SHA reserves the right to perform field evaluations or testing as a part of the evaluation process. If requested, Manufacturers/Producers/Vendors must provide free samples for the evaluation process.

All Materials/Products/Devices approved are required to continue to meet the requirements mentioned above. **MDOT SHA's MPEL coordinator must be informed immediately of any changes in the composition of the Materials/Products/Devices.** After MDOT SHA has reviewed the changes, new sample(s) may be requested and submitted along with the aforementioned information.

Materials/Products/Devices representing revised formulation/specifications/standards of currently approved Qualified Products/Devices will not be accepted for testing within six (6) months of the most recent evaluation unless requested by MDOT SHA.

Materials/Products/Devices evaluated and not accepted are not eligible for resubmission within six (6) months of the most recent submittal date, unless requested and approved by MDOT SHA.

Manufacturers/Producers/Vendors of Barrier Delineators are required to recertify their products every five (5) years to remain on the OOTS QPL. Recertification letters may be submitted within 6 months of the recertification date on the OOTS QPL category for Barrier Delineators. If the recertification letter is not received by the applicable recertification date, the Materials/Products/Devices will be removed from the OOTS QPL.

The recertification letter shall be on the Manufacturers/Producers/Vendors company's letterhead and attest to the following:

- The Material/Product/Device is identical to the unit that has been approved by MDOT SHA
- The Material/Product/Device is still being produced and available for sale
- The Material/Product/Device properties have not changed or been altered
- Current MSDS if applicable

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PROCEDURES FOR THE QUALIFICATION OF LANE SEPARATOR SYSTEM

The Maryland Department of Transportation State Highway Administration (MDOT SHA) Office of Traffic and Safety (OOTS) maintains a Qualified Products List (QPL) that includes the Lane Separator Systems (Base and Post). The Lane Separator Systems (Base and Post) shall conform to the following:

- MDOT SHA [Special Provision Specifications for Construction and Materials Manual](#)
- The applicable standards from the [Book of Standards for Highway and Incidental Structures](#)
- [AASHTO/FHWA Roadside Hardware Policy Memoranda and Guidelines](#)

If you are interested in having your product qualified, please visit [Maryland's Product Evaluation Listing \(MPEL\)](#) and then select "Vendor Registration" to begin the process.

Lane Separator System evaluations require Manual for Assessing Safety Hardware (MASH) 2016 Federal Highway Administration (FHWA) Eligibility Letter before acceptance. In addition, OOTS reserves the right to perform field evaluations or testing as a part of the evaluation process. If requested, Manufacturers/Producers/Vendors must provide free samples for the evaluation process.

All Materials/Products/Devices approved are required to continue to meet the requirements mentioned above and in accordance with the FHWA Eligibility Letter. **The MDOT SHA MPEL coordinator must be informed immediately of any changes in the design, hardware, or composition of the Materials/Products/Devices.** Any modifications made to the Materials/Products/Devices after receiving the FHWA Eligibility Letter will require one of the following options below for approval consideration:

- Resubmit the Materials/Products/Devices with the modification(s) to FHWA for MASH 2016 testing in accordance with the Lane Separator System criteria. Please provide the FHWA Eligibility Letter after the testing is completed and passed.
- Hire an independent Licensed Engineer with no financial affiliation to the Manufacturer/Producer/Vendor to validate that the modification(s) continue to meet the MASH 2016 requirements for Lane Separator System. The Licensed Engineer will certify and sign that the Materials/Products/Devices meet the MASH 2016 criteria.
- Submit the Materials/Products/Devices to an independent certified testing facility with no financial affiliation to the Manufacturer/Producer/Vendor to certify the Materials/Products/Devices continue to meet the MASH 2016 requirements for Lane Separator Systems. The facility will certify the Materials/Products/Devices meet the MASH 2016 testing criteria.

Materials/Products/Devices representing revised formulation/specifications/standards of currently approved Qualified Products/Devices will not be accepted for testing within six (6) months of the most recent evaluation unless requested by MDOT SHA.

Materials/Products/Devices evaluated and not accepted are not eligible for resubmission within six (6) months of the most recent submittal date, unless requested and approved by MDOT SHA.

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PROCEDURES FOR THE QUALIFICATION OF LANE SEPARATOR SYSTEM

Manufacturers/Producers/Vendors of Lane Separator Systems are required to recertify their products every five (5) years to remain on the OOTS QPL. Recertification letters may be submitted within 6 months of the recertification date on the OOTS QPL category for Lane Separator Systems. If the recertification letter is not received by the applicable recertification date, the Materials/Products/Devices will be removed from the OOTS QPL.

The recertification letter shall be on the Manufacturers/Producers/Vendors company's letterhead and attest to the following:

- The Material/Product/Device is identical to the unit that has been approved by MDOT SHA
- The Material/Product/Device is still being produced and available for sale
- The Material/Product/Device properties have not changed or been altered
- Current MSDS if applicable

MDOT SHA will only allow MASH 2016 compliant Lane Separator Systems in contract bids and on new projects effective July 1, 2023.

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PROCEDURES FOR THE QUALIFICATION OF LED LUMINAIRES AND LAMPS

The Maryland Department of Transportation State Highway Administration (MDOT SHA) Office of Traffic and Safety (OOTS) maintains a Qualified Products List (QPL) that includes LED Luminaires and Lamps. LED Luminaires and Lamps shall conform to the following:

- Sections 806 and 950.12 of [MDOT SHA's Standard Specifications for Construction and Materials](#)
- The applicable standards from the [Book of Standards for Highway and Incidental Structures](#)
- [AASHTO/FHWA Roadside Hardware Policy Memoranda and Guidelines](#)

If you are interested in having your product qualified, please visit [Maryland's Product Evaluation Listing \(MPEL\)](#) and then select "Vendor Registration" to begin the process.

Photometric files and data shall be required LED Luminaire and Lamp evaluation. AASHTO, UL or other certifications may be required. MDOT SHA reserves the right to perform field evaluations or testing as a part of the evaluation process. If requested, Manufacturers/Producers/Vendors must provide free samples for the evaluation process.

All Materials/Products/Devices approved are required to continue to meet the requirements mentioned above. **MDOT SHA's MPEL coordinator must be informed immediately of any changes in the composition of the Materials/Products/Devices.** After MDOT SHA has reviewed the changes, new sample(s) may be requested and submitted along with the aforementioned information.

Materials/Products/Devices representing revised formulation/specifications/standards of currently approved Qualified Products/Devices will not be accepted for testing within six (6) months of the most recent evaluation unless requested by MDOT SHA.

Materials/Products/Devices evaluated and not accepted are not eligible for resubmission within six (6) months of the most recent submittal date, unless requested and approved by MDOT SHA.

Manufacturers/Producers/Vendors of LED Lamps and Luminaires are required to recertify their products every five (5) years to remain on the OOTS QPL. Recertification letters may be submitted within 6 months of the recertification date on the OOTS QPL category for LED Lamps and Luminaires. If the recertification letter is not received by the applicable recertification date, the Materials/Products/Devices will be removed from the OOTS QPL.

The recertification letter shall be on the Manufacturers/Producers/Vendors company's letterhead and attest to the following:

- The Material/Product/Device is identical to the unit that has been approved by MDOT SHA
- The Material/Product/Device is still being produced and available for sale
- The Material/Product/Device properties have not changed or been altered
- Current MSDS if applicable