

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

**PROCEDURES FOR THE QUALIFICATION OF PERMANENT
TRAFFIC BARRIER DELINEATORS**

The Maryland State Highway Administration (SHA) maintains a Qualified Products List (QPL) which includes Permanent Traffic Barrier Delineators. Permanent Traffic Barrier Delineators shall conform to SHA's [Standard Specifications for Construction and Materials Manual](#) and standards MD **Section 665.01** to MD **Section 665.04** of the [Book of Standards for Highway and Incidental Structures](#).

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.

SHA reserves the right to perform field evaluations or testing as a part of the evaluation process.

All products approved are required to continue to meet the specifications mentioned above. SHA must be informed immediately of any changes in the composition of the materials/products. After SHA has reviewed the changes, new sample(s) may be requested and submitted along with the aforementioned information.

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

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

Producers are required to recertify their products every 5 years in order to remain on SHA's QPL beginning June 2020. Products approved within 36 months of the Recertification Date are exempt.

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PROCEDURES FOR THE QUALIFICATION OF LANE SEPARATOR SYSTEM

The Maryland State Highway Administration (SHA) maintains a Qualified Products List (QPL) which includes Lane Separator Systems (Base and Post). Lane Separator Systems (Base and Post) shall conform to the following

- Section **100** of SHA's Special Provision Specifications for Construction and Materials Manual
- The applicable standards from the [Book of Standards for Highway and Incidental Structures](#)
- The Federal Highway Administration's Roadside Safety Hardware Safety Systems Memorandum
 - [FHWA RSHS Memorandum](#)

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 Systems (Base and Post) require National Cooperative Highway Research Program (NCHRP) Report 350 and /or Manual for Assessing Safety Hardware (MASH) recommended certification before acceptance. SHA reserves the right to perform field evaluations or testing as a part of the evaluation process.

EFFECTIVE IMMEDIATELY: All Lane Separator Systems must conform to the FHWA revised procedures dated [May 18, 2015](#). The letter is included in this document as a reference.

All products approved are required to continue to meet the specifications mentioned above. SHA must be informed immediately of any changes in the composition of the product. After SHA has reviewed the changes, new sample(s) may be requested and submitted along with the aforementioned information.

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

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

Producers are required to recertify their products every 5 years in order to remain on SHA's QPL beginning January 2020. Products approved within 36 months of the Recertification Date are exempt.

CATEGORY 100
PRELIMINARY
SECTION 104 — MAINTENANCE OF TRAFFIC
LANE SEPARATOR SYSTEM.

DESCRIPTION. Furnish, install, maintain, move, and remove lane separator system as specified in the Contract Documents, or as directed by the Engineer.

MATERIALS.

| | |
|-----------------------|-----|
| Lane Separator System | QPL |
|-----------------------|-----|

The lane separator system should be composed of recycled plastic material. A modular system shall consist of a combination of longitudinal curb units and upright flexible, retroreflective posts. The curb units shall interface with each other to form a continuous longitudinal channelizing system. The system may include connector units and/or end cap units. The complete system shall be NCHRP 350 compliant. Freestanding units shall only be used along with Traffic Control Devices such as tubular markers, vertical panels or delineator posts.

The curb shall be fastened to the underlying pavement or bridge deck according to the manufacturer's specifications. The curb unit shall allow for emergency vehicle crossovers.

Each curb unit shall have a minimum length of 36 inches, height of 2 to 4 inches and width of 7 to 12 inches. Each unit shall be yellow if used in a work zone installation or a permanent installation adjacent to a yellow pavement marking, and white if used in a permanent installation adjacent to white pavement markings. Each unit shall have a receptacle for installation of channelizer.

CONSTRUCTION. Lane separator systems shall be installed as per manufacturer's specifications.

MEASUREMENT AND PAYMENT. This item will be measured in linear feet of lane separator system installed.

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PROCEDURES FOR THE QUALIFICATION OF LED LUMINAIRES AND LAMPS

The Maryland State Highway Administration (SHA) maintains a Qualified Products List (QPL) which includes LED Luminaires and Lamps. LED Luminaires and Lamps shall conform to **Section 806 and 950.12** of SHA's [Standard Specifications for Construction and Materials Manual](#) and the applicable standards from the [Book of Standards for Highway and Incidental Structures](#).

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

All products approved are required to continue to meet the specifications mentioned above. SHA must be informed immediately of any changes in the composition of the materials/products. After SHA has reviewed the changes, new sample(s) may be requested and submitted along with the aforementioned information.

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

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

Producers are required to recertify their products every 5 years in order to remain on SHA's QPL beginning January 2020. Products approved within 36 months of the Recertification Date are exempt.