

Standard Guidelines for Product Review

Barrier, Cable;
Section 00811.00

August, 2016

Cable Barrier – 00811.00

ODOT keeps a list of High Tension Cable Barriers that have been crash tested and approved by the FHWA. This list is placed on the Qualified Products List (QPL), but we may limit what is used on a project based on design criteria. The use of cable barrier is not normally considered for medians of less than 30 feet.

Specifications – Product Name: _____

- (a) The deflection at 60 mph shall be 10 feet or less per MASH 09 test 3-11.
- (b) The cable barrier shall be constructed so that its components are retained and will not be obstacles to nearby traffic if impacted.
- (c) To have your product listed, you must show satisfactory crash testing and deflection:
 - FHWA Approval Letter # _____ Slope: _____ # of Cables _____
 - MASH 09 TL3. Deflection: _____ Ft. @ Post Spacing: _____ Ft.
 - Estimated Deflection with our maximum post spacing of 17 feet: _____ FT.
- (d) The system shall be low maintenance, with one person repairs.
- (e) The system shall use removable line posts in concrete sockets.
- (f) The system shall be suitable for median or shoulder installations.
- (g) The maximum space allowed between posts will be 17 feet, center to center.
- (h) Type of concrete sleeves used: Precast Cast in place

To apply for inclusion on the QPL, submit the following:

- [Preliminary Information for Product Evaluation Form](#).
- Independent test results showing compliance with specs listed above,
- Video of the crash testing.
- Copy of the approval letter from FHWA.
- Drawings showing dimensions and construction.
- 2 copies of product brochures with pictures, etc.
- Details for design criteria.
- Detailed installation instructions.
- Detailed repair instructions.
- List of limitations and precautions.
- Demonstrate that one person shall be able to perform repairs to the system after an MASH 09 test 3-11 type of hit.

Submit documentation to:

Oregon Department of Transportation
Product Evaluation Coordinator
800 Airport RD SE
Salem OR 97301-4798