

Standard Guidelines for Product Review

**Barrier, Cable;**  
**Section 00811.00**

February 17, 2009

## **Cable Barrier – 00811.00**

**ODOT keeps a list of High Tension Cable Barriers** that have low initial cost as well as low maintenance costs, and 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 - We require the product to comply with the following:

- (a) The deflection at 60 mph shall be 10 feet or less per NCHRP 350 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 compliance with:
  - Crash test standards set forth by NCRHP 350 Test Level 3. Deflection = \_\_\_\_\_
- (d) The system shall be low maintenance, with one person repairs.
- (e) The system shall use removable line posts in 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.

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.
- 6 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 NCHRP 350 test 3-11 type of hit.

Submit documentation to:

Mike Dunning  
Oregon DOT - Product Evaluation Coordinator  
800 Airport Road SE  
Salem OR 97301-4798  
503-986-3059

<http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/QPL/QPIndex.shtml>