

Standard Guidelines for Product Review

Traffic Delineators – Type 5;

Section 00840.10

September 23, 2009

00840.10 – Traffic Delineators – Type 5

We use five types of Traffic Delineators.

- Type 1 are flat, metal and designed to be driven into the ground.
- Type 1U are flat, metal, utility grade and designed to be driven into the ground.
- Type 2 are flat and designed to be driven into the ground.
- Type 3 are round and designed to be driven into the ground.
- Type 4 Alt - 1 are flat and designed to be mounted on guard rail posts.
- Type 4 Alt - 2 are flat, metal and designed to be mounted on guard rail posts.
- **Type 5 are barrier markers, designed to be mounted on top of concrete barrier.**

ODOT keeps a list of approved retro-reflectorized concrete barrier markers reflectors.

To have your product listed, you must show compliance with the specifications listed below.

- Have a minimum retro-reflective area of 8 square inches with no dimension less than 2-inches.
- Be substantial in nature and capable of being mounted to the top of concrete barrier as shown in [Standard Drawing TM 570](#) and being aimed at on-coming traffic without causing confusion.
- Sealed acrylic plastic prismatic reflex units conforming to the following:

Observation Angle (Degrees)	Entrance Angle (Degrees)	Specific Intensity Candlepower per foot candle	
		White	Yellow
0.1	0	115	70
0.1	20	45	25
0.33	0	48	29
0.33	20	19	11

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

- Preliminary information for [Product Evaluation Form](#) (copy enclosed).
- Independent test results showing compliance with specs listed above.
- Spec data sheet.
- Detailed installation/operating instructions with recommended adhesive information.
- List of limitations and precautions.
- Provide two working, production-line samples for evaluation.

Submit documentation and samples for evaluation to:

Oregon DOT Product Evaluation Coordinator

Attn: Mike Dunning

800 Airport Road SE

Salem OR 97301-4798

503-986-3059

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