

Standard Guidelines for Product Review  
**Detectable Warning Devices -**  
For Wheelchair Ramps; Section 00759.00  
August 22, 2011

DEPARTMENT OF  
TRANSPORTATION

Construction Section  
800 Airport Road  
Salem, OR 97301-4792  
503/986-3059

**00759.00 – Detectable Warning Devices**  
for Wheelchair Ramps

ODOT is keeping a list of detectable warning devices that can be used on existing sidewalk accesses to cross streets. We have approved the in-line truncated dome design as required by American with Disabilities Act Accessible Guidelines (ADAAG).

Dome size allowed: Base Diameter: 0.9"- 1.4"  
Dome Diameter at top: 50-65% of Base Diameter  
Dome Height: 0.2"

ODOT's preference for color is safety yellow. Safety yellow for the purposes of this category is defined as one of the following colors from the FHWA color chart at:

<http://www.fed-std-595.com/>

13591  
13655  
23640  
23655  
33538  
33655

38907

Agencies outside of ODOT may use other colors available that meet contrast requirements required by ADAAG. The color must be through-out the material, top coats will not be allowed. Products submitted for this category should not become slippery if wet, and should be capable of being permanently attached to concrete surfaces. We expect the manufacturer of the warning device to recommend an adhesive that is suitable to affix the warning device to the sidewalk.

Suitable for Fresh (Uncured) Concrete	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Suitable for Existing Concrete	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Suitable for Asphalt Surfaces	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Additional information can be obtained by reviewing our Standard Drawings. RD 759 covers Detectable Warning Devices. Our Standard Drawings can be found at:

[http://www.oregon.gov/ODOT/HWY/ENGSERVICES/roadway\\_drawings.shtml](http://www.oregon.gov/ODOT/HWY/ENGSERVICES/roadway_drawings.shtml)

Process - Submit the following:

- [Preliminary Information for Product Evaluation Form](#).
- Spec Data Sheet including a list of limitations and precautions.
- Detailed drawings including dimensions.
- Detailed installation instructions.
- MSDS if required.

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- List of the long-term maintenance required with this product.
  - Submit the equivalent of 2 each 6" by 6" samples.
- Adhesive Recommended: \_\_\_\_\_

Submit to:

Oregon DOT New Products Coordinator  
800 Airport Road SE  
Salem OR 97301-4792  
503-986-3059

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