

Standard Guidelines for Product Review

Mailbox Supports

Section 01070.12

October 10, 2007

01070.12 – Mailbox Supports

General – We keep a list of products that will hold mailboxes securely at the proper height. We use three types: Single, Double, and Multiple mailboxes. We require concrete anchors for certain conditions as shown in [ODOT Standard Drawings # RD 100 and 101](#). The mailboxes must be crashworthy and meet the general requirements as listed in [ODOT Standard Drawings # RD 100 and 101](#). Common installation sites include sidewalks and aggregate shoulders, so various mounting heights must be accommodated.

ODOT Standard Specifications for Highway Construction:

<http://www.oregon.gov/ODOT/HWY/SPECS/>

ODOT Standard Drawings:

http://www.oregon.gov/ODOT/HWY/ENGSERVICES/roadway_drawings.shtml

Process – Submit the following:

- [Preliminary Information for Product Evaluation Form](#).
- Brochures (3 copies)
- Spec Data Sheet including a List of Limitations and Precautions.
- Detailed drawings (3 copies).
- Detailed installation instructions.
- FHWA Approval of Crashworthiness.

Specifications

- Tube Frame Supports must meet the requirements of ASTM A 500, Grade B, and galvanized according to AASHTO M 111 (ASTM A 123). Tensile requirements of ASTM A 53, Grade B, and galvanized with a minimum 0.9 ounce per square foot coating, as tested according to ASTM A 90, on the exterior surface followed by a chromate conversion coating and a cross link polyurethane acrylic coating. A zinc base corrosive resistant interior coating shall also be applied. Multiple supports must accommodate 5 standard mailboxes.
- Mounting Brackets and Hardware - brackets, angles, adapter plates, and hardware shall be galvanized according to AASHTO M 232 (ASTM A 153). Provide mounting brackets for newspaper boxes according to [ODOT Standard Drawing # RD 101](#)
- The product must be sturdy and comply with details listed in [ODOT Standard Drawings # RD 100 and 101](#).

Please forward your information and/or questions to:

OREGON DEPARTMENT OF TRANSPORTATION
ATTN: NEW PRODUCTS COORDINATOR
800 AIRPORT RD SE
SALEM OR 97301-4798

<HTTP://WWW.OREGON.GOV/ODOT/HWY/CONSTRUCTION/QPL/QPINDEX.SHTML>