

## **Activity 148 Delineator Maintenance**

### Description

Activity 148 involves repairing, cleaning, realigning, and replacing roadside markers. It includes guideposts, mileposts, right of way posts, mailbox supports, and other miscellaneous markers including those for survey monuments, electrical boxes, and drain outlets.

### General Information

Refer to discussion in the General Instructions section preceding Activity 140 in this section of the *Maintenance Guide* for additional information including environmental and traffic control recommendations and other important considerations.

Install guideposts as described and shown in the *Manual on Uniform Traffic Control Devices* and in the *Oregon Standard Drawings*. Generally, use white guideposts on the right side of traffic and yellow guideposts on the left side of traffic. Other colors may be used for specific allowed uses.

Install other roadside markers as shown in the *Oregon Standard Drawings*.

For mail box supports on ODOT right of way, ODOT will provide and install the support and will install the mailbox furnished by the mailbox user. Consult the local United States Post Office or mail delivery person with specific questions.

Do not install, or allow local residents or businesses to install mailbox supports on ODOT property if the support could cause unneeded hazard to motorists. Within the clear zone, only use mailbox supports shown in the *Oregon Standard Drawings*.

As appropriate:

- To reduce the number of mailbox installations and reduce the impacts of mail delivery to traffic, install supports for multiple mailboxes instead of installing numerous single supports.
- Work with the local Post Office and affected residents or businesses to install mailbox supports in driveways or parking areas to allow the mail delivery person to be out of traffic when delivering mail.
- As traffic volumes dictate, provide adequate shoulder area for the mail delivery person to deliver mail and only minimally impact traffic flow.

Contact the ODOT Support Services Branch Sign Shop to have lettering or other identification painted on right of way or other miscellaneous markers.

Take special care during maintenance of the roadway to ensure that roadside markers are not damaged or destroyed. Replace all markers that are damaged or destroyed or that have disappeared or have been wrongly removed. This is especially true for markers that mark the location of survey monuments that delineate ODOT property limits and/or reference roadway alignment points. Maintenance is also easier, and damage is less, when markers for electrical junction boxes, subgrade drain outflows, etc. are preserved.

### Equipment

Select equipment suitable for the work and situation.

### Materials

Materials may include:

- Delineator or marker posts.
- Bases for markers as appropriate.
- Reflectors or “paddles” for delineator posts.
- Mailbox supports, either for single or multiple mailbox installations, including the base as appropriate.

### Work Method

1. Implement appropriate traffic control.
2. Implement appropriate methods to control erosion and sedimentation.
3. Straighten, replace elements, or clean damaged markers or replace the marker installation. Maintain or install mailbox supports as needed.
4. Remove traffic control.
5. Dispose of waste material in an appropriate location. Recycle material if appropriate.

### Measurement of Accomplishment, Expenditure Account, and Charge Activity

Measurement is number of worker hours involved. Expenditure account type is Highway EA or the EA for the responsible “specialty” crew; use a sub job appropriate for the crew performing the work.

Use a sub job within the 800 series if the work involves bicycle path facilities. These sub jobs are assigned by the Maintenance Management System (MMS) Unit based on the type of work performed.

- Charge work to Activity 148 in MMS, for work involving mailbox supports, use Activity 548 in TEAMS.