

Activity 141 Pavement Legend Marking

Description

Activity 141 involves applying pavement markings for vehicle, bicycle, or pedestrian information and control. Those markings include stop lines, crosswalks, arrows, legends, painted traffic islands, curb markings, and cattleguards.

General Instructions

Perform this activity to maintain pavement legends at the level allowed by the performance budget and as described in the *Desired Conditions of Maintenance Features on State Highways*.

Perform all work according to the *Manual on Uniform Traffic Control Devices*, including its Oregon Supplement and the ODOT *Traffic Line Manual*.

When using paint materials for this work, repaint legends or markings annually or as approved by the District Manager. When using a more durable striping material, perform work as needed or as approved by the District Manager.

Assure that legends or markings for school zones and associated uses are in acceptable condition before the start of school each year.

Generally, perform major surface repairs, or other work that affects significant surface areas, before placing pavement legend markings.

Generally before applying the pavement legend material, perform sweeping under Activity 116 or 117 or other method as needed to remove dirt and other material to provide a clean surface for the legend work.

Refer to Activity 138 for work on cattleguards other than the legend portion.

Refer to Activity 147 for raised or recessed pavement markers.

Charge Activity 159 when removing existing pavement legends.

Charge Activity 165 for work involving legends or markings that are needed only for operation of moveable bridges.

Refer to Activity 305 when applying legends or markings on construction projects or on facilities not owned or operated by ODOT.

Cities or other jurisdictions may be responsible for traffic lines, legends, and markings within the limits of their jurisdiction. The Transportation Maintenance Manager must be aware of those responsibilities and should not maintain or perform that work unless it has been properly requested and approved.

Controlling Erosion, Sedimentation, and Pollutants or Contaminants

Plan and implement methods to control erosion, sedimentation, and pollutants or contaminants, including those discussed in the Control of Erosion, Sedimentation, and Pollutants or Contaminants section of this Guide and the ODOT *Routine Road Maintenance Water Quality and Habitat Guide Best Management Practices*.

As appropriate, implement and maintain devices and processes including those described in the *Field Manual for Erosion and Sediment Control*.

Temporary Protection and Direction of Traffic

Plan, implement, and maintain traffic control as addressed in the *Traffic Control on State Highways for Short Term Work Zones* handbook.

Equipment

Select equipment that is suited for the work, marking material, and situation.

Materials

Materials may include:

- Traffic line paint or a more durable product.
- Glass beads.
- Suitable material to clean applicator or to remove improper applications.

Without specific approval of the State Maintenance Engineer, only use pavement marking materials that are listed on the ODOT *Qualified Products List*.

Work Method

1. If needed, arrange for sweeping or other cleaning of legend or marking areas.
2. Implement appropriate traffic control.
3. If the location or message of an existing legend or marking must be modified, adequately lay out and mark the location of modified or new work to be performed. Seek assistance from the Region Traffic representative.
4. Perform required legend or marking work. Protect the application from traffic until it is adequately dry or cured.
5. Remove traffic control.
6. Appropriately clean equipment, etc. Properly dispose of waste material.

Measurement of Accomplishment, Expenditure Account, and Charge Activity

Measurement is the number of worker hours involved. Expenditure account type is Highway Striping EA (use a subjob of 261, except use a subjob of 846 for all work on bicycle paths).

- Charge TEAMS Activity 141 when performing work other than that covered under the following Activities.
- Charge TEAMS Activity 541 when applying only occasional, separated pieces of more extensive legends or marking.

- Charge TEAMS Activity 544 when using Methyl Methacrylate material for legends or markings.
- Charge TEAMS Activity 547 when using thermoplastic material for legends or markings.