

706 RAISED PAVEMENT MARKERS

There are many different types of raised pavement markers. Most projects will use more than one type of marker in approximately the same location. The inspector must verify the correct type of marker is being installed at the correct location as shown on the plans. Inexperienced inspectors will find Signing and Marking Standard Drawing M-19 (sheets 2 and 3 of 9) very helpful when trying to identify the various types of markers. Certificates of Compliance are required for raised pavement markers. Raised markers are applied using the type of adhesive specified in the Project Plans, Special Provisions, or Standard Specifications. Standard Specifications require a hot-melt bituminous adhesive from an approved manufacturer. The inspector should verify the adhesive manufacturer is on the Department's current [Approved Products List](#).

The surface to which the adhesive is applied must be free of dirt, paint, curing compound, and any other deleterious materials which would adversely affect bonding of the marker to the surface. Loose layers of pavement must be corrected prior to application of adhesive. The method of cleaning detrimental material from the surface is subject to the approval of the Resident Engineer. The Resident Engineer and Inspector should ensure the cleaning method includes sweeping and high pressure air spray. On Portland cement concrete and old asphaltic concrete pavements, cleaning shall be accomplished by sandblasting followed by sweeping and air blowing. Clean, newly placed asphaltic concrete does not require sandblasting unless substantial contamination is evident.

Adhesive must be applied uniformly and in accordance with directions from the manufacturer. This will include removing excess adhesive from the pavement and the markers themselves, and protecting the markers from impact until properly set.

Temperature, humidity, and surface moisture are important elements which should be monitored by project personnel. If these elements begin affecting the proper placement of the markers and do not meet the requirements of the manufacturer, it may be necessary to suspend work.