

## **Raised Pavement Marker Castings**

### **Qualified Product List**

#### **Specification - Requirements**

ODOT Construction and Materials Specifications 721.01, Supplement Specification 1062 and ASTM A 536.

#### **Requirements for Inclusion on the Qualified Product List**

##### **Submit to the Office of Materials Management the following information:**

1. Provide a manufacturer's letter certifying the Raised Pavement Marker Castings supplied to the project will meet or exceed Departmental specifications and include:
  - a. Snow plowable in the opposing longitudinal directions and designed to accommodate a replaceable prismatic retroreflector.
  - b. The casting shall be nodular iron conforming to ASTM A 536 and be harden to 51 - 55 Rockwell C. A report of compliance from a certified lab, with the maximum and minimum hardness as defined in the above specification.
  - c. 1/4 inch letters "OH" shall be cast in the surface of the casting , next to the vendor's logo.
  - d. Testing Procedures for Raised Pavement Marker castings shall comply with ODOT Supplement 1062.
  - e. Provide a scale drawing of the casting.
  - f. A sample of the RPM casting for testing and marking identification.
  - g. Marking identification method so field personnel can identify product with manufacturer. This can include electronic picture format. Provide multiple samples/pictures if typical markings are different.
2. Agreement to immediately notify the Department on any changes in production, materials, dimensions, before shipment.
3. Provide the Department a contact name, number and e-mail address.
4. Provide re-certification documentation by January 1st of each year.

#### **Acceptance to the Department**

The Office of Materials Management will review a manufacturer's submittal for compliance with specification requirements and will perform tests on the pre-qualification samples.

Accepted products will be listed on the Department's Qualified Product List (QPL) web page and will be loaded into the Department's Construction Management System for acceptance in the field through the QPL screen.

Any quality assurance field samples found to not meet specifications will mean removal of the supplier/manufacturer from the Qualified Products Lists.

#### **Field Documentation Requirements**

Products on the QPL will be accepted if they can be identified in the field to a supplier/manufacturer listed on the Department's Qualified Products List.