

## SECTION 233—GALVANIZING

### 233.01—Description.

These specifications cover the use and repair of zinc coatings (galvanizing) on a variety of materials.

### 233.02—Detail Requirements.

Galvanizing of fabricated items shall be performed after fabrication.

Galvanized items shall be stored off the ground in a manner that will allow free drainage of water from galvanized surfaces.

- (a) **Galvanizing of iron and steel hardware** shall conform to the requirements of ASTM A153 for the hot-dip process or ASTM B695, Class 50, for the mechanical process.
- (b) **Galvanizing of rolled, pressed, and forged steel shapes, plates, bars, and strips** shall conform to the requirements of ASTM A123.

### 233.03—Repair of Galvanized Surfaces.

Galvanizing surfaces that have been damaged or have uncoated areas shall be repaired in accordance with ASTM A780, except that repair materials shall not contain lead or cadmium.

## SECTION 234—GLASS BEADS FOR REFLECTORIZING TRAFFIC MARKINGS

### 234.01—Description.

This specification covers glass beads for application on liquid traffic marking materials so as to produce a reflective surface.

### 234.02—Detail Requirements.

Beads shall be manufactured from glass of a composition designed to be highly resistant to traffic wear and weather. Glass beads shall be spherical in shape and shall conform to AASHTO M247 Type 1, except that at least 80 percent of the beads shall be round when tested in accordance with the requirements of ASTM D 1155 Procedure B. Beads shall be essentially free of sharp angular particles, milkiness and surface scoring or scratching.