

## **Pole Breakaway Coupling Assembly**

### **A Description**

Pole Breakaway Coupling Assembly and coupling base cover product design to crashworthiness breakaway base anchor adaptor for lighting and traffic signals poles.

### **B Materials**

General. Certification shall be submitted from the supplier that the device used under the conditions of the particular design meets the AASHTO breakaway specification. Certification shall include test results performed by the manufacturer, suppliers, or others. If test results have been previously approved by a letter from the FHWA, a copy of the approval letter from FHWA should accompany the certification. The coupling shall not alter the bolt circle of the pole and shall work with 3-inch anchor bolt projection.

The pole breakaway coupling assembly shall be FHWA approved and meets the AASHTO breakaway specification. Breakaway couplings, nuts, bolts, and washers are galvanized after fabrication in accordance with ASTM A153. All leveling shims are galvanized after fabrication in accordance with ASTM A653.

Breakaway Coupling Cover. The breakaway device shall have a cover enclosing the space between the bottom of the pole base plate and the foundation. The coupling cover shall be manufactured by the same manufacturer as the pole breakaway coupling assembly. The cover shall have a minimum lap of 6 inches to enclose the void between the pole base and the foundation. The cover shall fit snugly around the bottom face of the pole base plate and the top of the foundation. Vertical and horizontal movement of the cover will not be acceptable.

The breakaway device shall be vandal resistant and shall not adversely affect the light pole installation and maintenance or decrease the resistance of the light pole to non-collision type design loading. The breakaway device shall be field attachable and detachable.