

## **AERIAL CABLE MARKERS**

Union Pacific Railroad requires all new and replacement overhead wirelines, that cross the track(s), to be visually identified with aerial cable markers.

Markers shall be attached to the lowest hanging cable(s) or conductor(s) of a circuit. Where multiple circuits are installed on a common support structure, only the lowest hanging conductor of the lowest hanging circuit is required to be marked. Exception: Where multiple circuits are installed on a common support structure at the same vertical elevation and the horizontal clearance between circuits exceeds 10 feet, then both circuits shall have their corresponding lowest hanging conductor(s) marked. Where applicable, provide corona effect protection.

Markers for cables and/or conductors 50 feet and greater above top of rails shall be 36 inch diameter. Markers for cables and/or conductors between 29.5 feet and 50 feet above top of rails shall be 20 inch diameter. Markers for cables and/or conductors installed less than 29.5 feet above top of rail shall be 12 inch diameter.

Markers shall be of materials and colors normally used by the utility.

Longitudinal encroachments do not require marking.