

4.10 RIGHT OF WAY

4.11 INSTALLATION OF RIGHT-OF-WAY MARKERS

The Department's right-of-way marker consists of a #15 metric size (5/8 inch) reinforcing bar with a metal Iowa DOT survey cap placed on top. If existing right-of-way rails protrude above ground, rails should be carefully driven flush or to a maximum of 75 mm (3 inches) below ground.

Location of Markers

Right-of-way markers shall be set accurately on the following points:

At each angle or offset in right-of-way line

At apparent intersections of railroad or county right-of-way line

At beginning and end of each curve plus intermediate points on long curves where necessary

At apparent intersection of government land lines

At apparent intersection of city street right-of-way lines

At lot line intersections in cities if lot corner was in place prior to construction

Block corners at city street intersections must be referenced out if available. This will simplify setting a pin on the apparent intersecting street right-of-way line and projecting the new right-of-way line from street to street for proper location of sidewalks or retaining walls.

Witness Signs

A witness sign is placed adjacent to a permanent right-of-way marker to assist in marker location. Iowa DOT uses a 100 x 225 mm (4 x 9 inch) white sign with black letters, "R O W". The witness sign is mounted on a delineator post so that top of sign is about 1.2 m (4 feet) above ground.

Witness signs should not be used in the following areas:

Developed residential areas (urban, suburban, or rural)

Developed commercial areas in urban and suburban locations

Schools and churches in urban areas

Frontages of rural homes or churches where sign presence would detract from the lawn aesthetics

Refer to [Appendix 4-1](#) for Iowa DOT warehouse stock numbers for survey markers.