

#### 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.

