

RIGHT-OF-WAY MONUMENTATION POLICY

Right-of-way monuments shall be set to adequately define the right-of-way line, for all transportation projects requiring right-of-way acquisition. Type 2 monuments with an adjacent right-of-way marker post shall be placed at every change in direction of right-of-way line including the beginning and ending of curves. A Type 1 monument shall be used in lieu of a Type 2 monument where a more substantial monument is needed. The maximum spacing between right-of-way monuments shall be approximately 0.25 mile (0.40 km) on tangents and 500 feet (150 m) on curves.

Right-of-way monuments shall be located using survey procedures that will ensure a minimum accuracy of one part in three thousand (1:3000) and be referenced to adjacent U.S. Public Land Survey System (PLSS) corners. Corners with established coordinates shall be so identified. Corners without established coordinates shall have coordinates determined for them. The coordinates of the corners shall be shown on the plat.

Refer to the Facilities Development Manual for right-of-way implementation methods and requirements, the standard detail drawing for a right-of-way marker post, and exceptions to placing a marker post.

When Type 1 monuments are used, the location of each Type 1 monument shall be provided to the county surveyor in addition to being identified on the right-of-way plat. The Type 1 monuments shall be located using survey procedures that will ensure a minimum accuracy of one part in ten thousand (1:10,000). Type 1 monuments shall be set by contract bid item unless stated on the plan and profile to be set by others. Each district shall develop and maintain suitable documentation showing the location of Type 1 and Type 2 monuments.

Monumentation shall be established in a timely manner within the limits of the district workload.

Minor right-of-way acquisitions shall be tied to a PLSS corner, have a basis of bearing, meet minimum accuracy of one part in three thousand (1:3000), and be monumented with Type 2 monuments. To meet the requirement for a basis of bearing, the acquisition must either be controlled by coordinates or be tied to two monumented PLSS corners.

This Policy supersedes the Wisconsin Department of Transportation Right-of-Way Monumentation Policy dated September 1, 1999, and all other previous right-of-way monumentation policies.

Approved by John E. Haverberg Date: 9/8/00
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