

Special Conditions for Survey Activities

These special conditions are required to minimize the destruction of government and property controlling corners during construction and maintenance activities when located within the paved surface of roadways under the jurisdiction of MDOT. These also provide for clearly and correctly monumenting government and property controlling corners.

1. A surveyor establishing, re-establishing or occupying a United States Public Land Survey System Corner or other Property Controlling Corner, as defined by Sections 54.202 (c) and (b) respectively, of P.A. 74 of 1970 (as amended), that is located within the paved surface of a roadway under MDOT's jurisdiction shall enclose said corner(s) in monument box (es) meeting specification R-11-D of MDOT Design Standard Plans.
2. When set, the corner location shall be represented by a ½" diameter rod a minimum of 18" in length and shall possess a magnetic field and be legibly capped bearing the license number of the surveyor. The top of the rod shall be no more than 6" below the top of the monument box.
3. Monument boxes shall be centered over the rod and placed to match the grade of the adjacent pavement and shall be recessed no more than ¼" so as not to protrude from the surface nor leave an excessive bump. The outside of the box shall be backfilled with compactable gravel to within 6" of the top of the box and thoroughly compacted. The remaining 6" shall be filled with a non-shrink grout and finished to present a smooth surface. The inside of the box shall be backfilled with compactable gravel to within 1" of the top of the rod and thoroughly compacted.
4. If access to the corner location will create an unsafe condition, the surveyor may install at least four reference monuments interrelated and visible with the corner location and each other by angular and linear measurement.
5. It is strongly recommended that the surveyor contact the appropriate MDOT Region Surveyor to coordinate this activity. The MDOT Region Surveyor, at his or her discretion, shall provide whatever assistance that time and resources allow.
6. MDOT Design Surveys will provide monument boxes only if notified two weeks prior to the work. Notification should be made to the Supervising Surveyor, Lansing Central Office (Ph. 517.373.0061) who will make arrangements for the Monument Boxes to be delivered to the nearest MDOT TSC or Region Office.
7. All said corners shall then be recorded in compliance with P.A. 74 of 1970 (as amended), "Corner Recordation Act". Copies of the Land Corner Recordation Certificate, with Liber and Page number, shall be mailed to the Supervising Surveyor, Michigan Department of Transportation, 425 West Ottawa St., Lansing, MI 48933.