

1.020 Kentucky State Plane Coordinate System.

- (1) The Kentucky State Plane Coordinate System, which is hereby adopted, means a system of plane coordinates which have been established by the National Oceanic and Atmospheric Administration, through its National Geodetic Survey, for defining and stating the geographic positions or locations of points on, within, or above the surface of the earth within the Commonwealth of Kentucky.
- (2) For this system, the Commonwealth, through the Commonwealth Office of Technology, under KRS 42.650 and advised by the Geographic Information Advisory Council, under KRS 42.740, shall establish and publish a series of layered zones covered by geodetically referenced mapping projections adopted and supported by the National Geodetic Survey as a component of the National Spatial Reference System. Each series of zones shall be identified by the geodetic datum upon which they are defined and each zone shall remain uniquely and consistently defined throughout its implementation within a particular series.
- (3) One (1) U. S. survey foot equals $(1200)/(3937)$ meter. For conversion of meters to U. S. survey feet, multiply the meters by 3.280833333333 to twelve (12) significant figures. One (1) international foot equals 0.3048 meter exactly. For conversion of meters to international feet, multiply the meters by 3.280839895. Unless otherwise originally established for an existing series, the base unit of linear measure for defining all zones within each series of the Kentucky State Plane Coordinate System shall be the meter. The specific constant for converting distances within each zone from the meter to the customary foot shall be:
 - (a) The U.S. survey foot conversion factor as originally and exclusively specified for any existing series; and
 - (b) The international foot conversion factor exclusively for each subsequent series established hereafter.
- (4) The plane coordinate values to be used for expressing the geographic position or location of a point in the appropriate zone of the Kentucky State Plane Coordinate System shall consist of two (2) distances expressed in customary feet and decimals of a foot or meters and decimals of a meter. When the values are expressed in customary feet, the meter to foot conversion factor for the respective Kentucky State Plane Coordinate System series, as specified in subsection (3) of this section, shall be used. One (1) of the distances, to be known as the "North y-coordinate," shall give the distance north of the X axis. The other, to be known as the "East x-coordinate," shall give the distance east of the Y axis. The Y axis of any zone shall be parallel with the central meridian of that zone. The X axis of any zone shall be at right angles to the central meridian of that zone.
- (5) For purposes of describing the location of any survey station or land boundary corner in the Commonwealth of Kentucky, it shall be considered a complete, legal, and satisfactory description of the location to give the position of the survey station or land boundary corner on the Kentucky State Plane Coordinate System.
- (6) Nothing contained in this section shall require a purchaser or mortgagee of real property to rely wholly on a land description any part of which depends exclusively

upon the Kentucky State Plane Coordinate System.

- (7) When any tract of land to be defined by a single description extends from one (1) into multiple mutually adjacent zones, the position of all points on its boundaries shall be referred exclusively to one (1) of the multiple zones. The zone which is used shall be named in the description.
- (8) No coordinates based on the Kentucky State Plane Coordinate System, purporting to define the position of a corner on a land boundary, shall be presented to be recorded in any public land records or deed records unless the corner has been tied to a control monument or station established by conforming to the standards of accuracy for boundary surveying as specified by administrative regulations duly promulgated under KRS Chapter 322.
- (9) The use of the term "KENTUCKY STATE PLANE COORDINATE SYSTEM" on any map, report of survey, or other document shall be limited to coordinates based on the Kentucky State Plane Coordinate System as defined in this section.
- (10) If any provision of this section or the application thereof to any person or circumstance is held invalid, the invalidity shall not affect other provisions or applications of the section which can be given effect without the invalid provision or application, and to this end the provisions of this section are severable.
- (11) The provisions of this chapter shall not be construed to prohibit the appropriate use of other geodetic reference networks.

Effective: July 15, 2020

History: Amended 2020 Ky. Acts ch. 77, sec. 2, effective July 15, 2020. -- Created 1992 Ky. Acts ch. 419, sec. 3, effective July 14, 1992.