



2022 South Dakota Legislature
Senate Bill 87
ENROLLED

AN ACT

ENTITLED An Act to update the South Dakota Coordinate System to conform to national standards.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF SOUTH DAKOTA:

Section 1. That § 43-22-1 be AMENDED:

43-22-1. The most recent system of plane coordinates established by the 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 State of South Dakota are hereafter to be known and designated as the South Dakota state plane coordinate system.

Section 2. That § 43-22-2 be AMENDED:

43-22-2. For the purposes of this chapter, the South Dakota state plane coordinate system is divided into zones established by the National Geodetic Survey as a component of the National Spatial Reference System. Each zone shall be uniquely and consistently defined within the South Dakota state plane coordinate system.

Section 3. That § 43-22-5 be AMENDED:

43-22-5. The South Dakota state plane coordinate system shall be named in any land description in which it is used, and the zone used shall be specified.

Section 4. That § 43-22-6 be AMENDED:

43-22-6. The official geodetic datums that geodetic coordinates, including latitude, longitude, ellipsoid height, orthometric height, or dynamic height, are referenced within this state, shall be defined for the National Spatial Reference System or its successor.

Section 5. That § 43-22-8 be AMENDED:

43-22-8. The plane coordinate values of a point on the earth's surface, to be used to express the geographic position or location of such point in the appropriate zone of the South Dakota state plane coordinate system, consist of two distances, expressed in feet and decimals of a foot or meters and decimals of a meter. If the values are expressed in feet, a definition of one foot equals 0.3048 meter exactly is used as the standard foot for the South Dakota state plane coordinate system. One of the two distances, to be known as the east or x-coordinate, gives the distance east of the y-axis; the other, to be known as the north or y-coordinate, gives the distance north of the x-axis. The y-axis of any zone is parallel with the central meridian of that zone. The x-axis of any zone is at the right angles to the central meridian of that zone. Height is the coordinate value of the vertical elements of the National Spatial Reference System expressed as feet or meters and identified as ellipsoid height or orthometric height.

Section 6. That § 43-22-9 be AMENDED:

43-22-9. No coordinates based on the South Dakota state plane coordinate system purporting to define the position of a point on a land boundary may be presented to be recorded in any plat, easement, exhibit, deed, certified corner records, or other document unless the coordinate or coordinates are accompanied by a description of the horizontal datum, realization, and methodology used and published within the same document.

Section 7. That § 43-22-10 be AMENDED:

43-22-10. The use of the term, South Dakota state plane coordinate system, on any map, report of survey, or other documents, is limited to coordinates based on the South Dakota state plane coordinate system as defined in this chapter.

Section 8. That § 43-22-11 be AMENDED:

43-22-11. If any tract of land to be defined by a single description extends from one coordinate zone into another coordinate zone, the positions of all points on its boundaries may be referred to by the zone that is used being specifically named in the description.

Section 9. That § 43-22-12.1 be AMENDED:

43-22-12.1. For purposes of describing the location of any survey station or land boundary corner in the state, it is a complete, legal, and satisfactory description of the

location to give the position of the survey station or land boundary corner on the system of plane coordinates defined in this chapter. Whenever coordinates based on the South Dakota state plane coordinate system are used to describe any tract of land that in the same document is also described by reference to any subdivision, line, or corner of the United States Public Lands Survey, the description by coordinates must be construed as supplemental to the basic description of the subdivision, line, or corner contained in the official plats and field notes filed of record, and in the event of any conflict, the description by reference to the subdivision, line, or corner of the United States Public Lands Survey prevails over the description by coordinates.

Section 10. That § 43-22-13 be AMENDED:

43-22-13. Nothing contained in this chapter requires a purchaser, mortgagee, or insurer of real property to rely wholly on a land description, any part of which depends exclusively upon the South Dakota state plane coordinate system.

Section 11. That chapter 43-22 be amended with a NEW SECTION:

The provisions of this chapter may not be construed to prohibit the appropriate use of other geodetic reference networks.

Section 12. That § 43-22-3 be REPEALED.

Section 13. That § 43-22-4 be REPEALED.

Section 14. That § 43-22-14 be REPEALED.

An Act to update the South Dakota Coordinate System to conform to national standards.

I certify that the attached Act originated in the:

Received at this Executive Office this ____ day of _____,

Senate as Bill No. 87

2022 at _____ M.

Secretary of the Senate

By _____
for the Governor

President of the Senate

The attached Act is hereby approved this _____ day of _____, A.D., 2022

Attest:

Secretary of the Senate

Governor

STATE OF SOUTH DAKOTA,

ss.

Office of the Secretary of State

Speaker of the House

Attest:

Filed _____, 2022
at _____ o'clock __ M.

Chief Clerk

Secretary of State

Senate Bill No. 87
File No. _____
Chapter No. _____

By _____
Asst. Secretary of State