

By: Hinojosa  
(Hunter)

S.B. No. 1072

A BILL TO BE ENTITLED

1 AN ACT  
2 relating to the procedure for conducting surveys of public land,  
3 including the requirements regarding field notes and coordinate  
4 systems.

5 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

6 SECTION 1. Section 21.041, Natural Resources Code, is  
7 amended to read as follows:

8 Sec. 21.041. FIELD NOTES OF A SURVEY OF PUBLIC LAND. The  
9 field notes of a survey of public land shall state:

- 10 (1) the county in which the land is located;
- 11 (2) the authority under which the survey is made and a  
12 true description of the survey;
- 13 (3) the land by proper field notes with the necessary  
14 calls and connections for identification, observing the Spanish  
15 measurement by varas;
- 16 (4) a diagram of the survey;
- 17 (5) the State Plane Coordinates based on the Texas  
18 Coordinate System of 1927, ~~or~~ the Texas Coordinate System of  
19 1983, or an alternative coordinate system adopted under Section  
20 21.0711 values for the beginning point on the survey with  
21 appropriate reference to zone, mapping angle, grid distances,  
22 acreage and the N.G.S. Station to which the survey is tied;
- 23 (6) the names of the field survey personnel;
- 24 (7) the date the survey was made; and

(8) the signature of the surveyor.

SECTION 2. Subchapter D, Chapter 21, Natural Resources Code, is amended by adding Section 21.0711 to read as follows:

Sec. 21.0711. ALTERNATIVE COORDINATE SYSTEMS. (a) The Texas Spatial Reference Center at Texas A&M University--Corpus Christi established under Section 88.503, Education Code, may adopt a revised state coordinate system that may be used for purposes of this subchapter under the authority granted to the center as the state's facilitator of the National Spatial Reference System.

(b) A revised coordinate system adopted under Subsection (a) is an official state coordinate system.

SECTION 3. Section 21.077, Natural Resources Code, is amended to read as follows:

Sec. 21.077. UNIT OF MEASUREMENT. The unit of measurement in this subchapter has the following values, based on the International Meter established by the National Bureau of Standards:

(1) one meter = 39.37 inches exactly;

(2) one U.S. survey foot = 0.3048006096 meter [~~12.00 inches exactly~~]; [~~and~~]

(3) one vara = 33-1/3 inches exactly; and

(4) one international foot = 0.3048 meter exactly.

SECTION 4. This Act takes effect September 1, 2021.