355.17 Designation of coordinate zones.

The Iowa plane coordinate system is divided into two zones designated as follows:

1. *a.* The area now included in the following counties constitutes the north zone: Allamakee, Benton, Black Hawk, Boone, Bremer, Buchanan, Buena Vista, Butler, Calhoun, Carroll, Cerro Gordo, Cherokee, Chickasaw, Clay, Clayton, Crawford, Delaware, Dickinson, Dubuque, Emmet, Fayette, Floyd, Franklin, Greene, Grundy, Hamilton, Hancock, Hardin, Howard, Humboldt, Ida, Jackson, Jones, Kossuth, Linn, Lyon, Marshall, Mitchell, Monona, O'Brien, Osceola, Palo Alto, Plymouth, Pocahontas, Sac, Sioux, Story, Tama, Webster, Winnebago, Winneshiek, Woodbury, Worth, and Wright.

b. The coordinate system north zone is a Lambert conformal conic projection of the North American datum of 1983, having standard parallels at north latitudes forty-two degrees, four minutes, and forty-three degrees, sixteen minutes, along which parallels the scale shall be exact. The origin of coordinates is at the intersection of the meridian ninety-three degrees, thirty minutes west of Greenwich, and the parallel forty-one degrees, thirty minutes north latitude. This origin is given the coordinates: x equals one million five hundred thousand meters exact and y equals one million meters exact.

2. *a.* The area now included in the following counties constitutes the south zone: Adair, Adams, Appanoose, Audubon, Cass, Cedar, Clarke, Clinton, Dallas, Davis, Decatur, Des Moines, Fremont, Guthrie, Harrison, Henry, Iowa, Jasper, Jefferson, Johnson, Keokuk, Lee, Louisa, Lucas, Madison, Mahaska, Marion, Mills, Monroe, Montgomery, Muscatine, Page, Polk, Pottawattamie, Poweshiek, Ringgold, Scott, Shelby, Taylor, Union, Van Buren, Wapello, Warren, Washington, and Wayne.

b. The coordinate system south zone is a Lambert conformal conic projection of the North American datum of 1983, having standard parallels at north latitudes forty degrees, thirty-seven minutes, and forty-one degrees, forty-seven minutes, along which parallels the scale shall be exact. The origin of coordinates is at the intersection of the meridian ninety-three degrees, thirty minutes west of Greenwich, and the parallel forty degrees, zero minutes north latitude. This origin is given the coordinates: x equals five hundred thousand meters exact and y equals zero meters exact.

93 Acts, ch 50, §2; 93 Acts, ch 180, §78
Referred to in **§355.16**