

Butler County, Iowa

Horizontal Datum: **NAD 83(NA2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane North Zone (1401)

Iowa Regional Coordinate System, Zone 5, Waterloo LCC

US Survey Feet

11/10/18

Point Name: **165**

Designation: Butler Co 98-165 (Set by ASI in 1998)

NAD 83(NA2011) Latitude: **N42°54'25.29715"** Longitude: **W92°33'19.76503"**

NAVD 88 Ortho Height: **981.130sft** Ellip. Ht: **877.999sft** Geoid**12B**

Iowa North Zone (1401) Northing: **3795005.452sft** Easting: **5174291.187sft**

Mapping Angle: **0°38'24"** Combination Scale Factor: **0.9999121099**

laRCS Zone 5 Northing: **8993827.876sft** Easting: **15418148.153sft**

Mapping Angle: **-0°12'25"** Combination Scale Factor: **1.0000000712**

Monument Type: 5/8" dia. driven aluminum rod with a 2-1/2"dia. aluminum cap and permanenet magnet encased in a 5"dia. PVC pipe with an aluminum access cover.

Date Printed December 28, 1998

