

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: **167**

Designation: Butler Co 98-167 (Set by ASI in 1998)

NAD 83(NA2011) Latitude: **N42°49'08.95897"** Longitude: **W92°33'16.17412"**

NAVD 88 Ortho Height: **1021.140sft** Ellip. Ht: **917.559sft** **Geoid12B**

Iowa North Zone (1401) Northing: **3762985.574sft** Easting: **5174916.574sft**

Mapping Angle: **0°38'27"** Combination Scale Factor: **0.9999049982**

IaRCS Zone 5 Northing: **8961799.441sft** Easting: **15418300.092sft**

Mapping Angle: **-0°12'23"** Combination Scale Factor: **0.9999924866**

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

