

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: **104**

Designation: Butler Co 98-104 (Set by ASI in 1998)

NAD 83(NA2011) Latitude: **N42°46'29.22995"** Longitude: **W93°01'32.56638"**

NAVD 88 Ortho Height: **1083.650sft** Ellip. Ht: **982.484sft** Geoid12B

Iowa North Zone (1401) Northing: **3745754.105sft** Easting: **5048587.414sft**

Mapping Angle: **0°19'17"** Combination Scale Factor: **0.9999001517**

laRCS Zone 5 Northing: **8946436.090sft** Easting: **15291718.938sft**

Mapping Angle: **-0°31'32"** Combination Scale Factor: **0.9999874016**

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

