

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: **105**

Designation: Butler Co 98-105 (Set by ASI in 1998)

NAD 83(NA2011) Latitude: **N42°43'55.65086"** Longitude: **W93°01'32.94886"**

NAVD 88 Ortho Height: **998.770sft** Ellip. Ht: **897.184sft** Geoid12B

Iowa North Zone (1401) Northing: **3730206.803sft** Easting: **5048646.095sft**

Mapping Angle: **0°19'17"** Combination Scale Factor: **0.9999031166**

IaRCS Zone 5 Northing: **8930888.265sft** Easting: **15291547.770sft**

Mapping Angle: **-0°31'32"** Combination Scale Factor: **0.9999901379**

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

