

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: **110**

Designation: Butler Co 98-110 (Set by ASI in 1998)

NAD 83(NA2011) Latitude: **N42°51'43.97128"** Longitude: **W92°57'58.38994"**
NAVD 88 Ortho Height: **1054.560sft** Ellip. Ht: **953.187sft** Geoid12B

Iowa North Zone (1401) Northing: **3777711.589sft** Easting: **5064358.936sft**
Mapping Angle: **0°21'42"** Combination Scale Factor: **0.9999055601**

IaRCS Zone 5 Northing: **8978159.713sft** Easting: **15307962.573sft**
Mapping Angle: **-0°29'07"** Combination Scale Factor: **0.9999932799**

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

