

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: **138**

Designation: Butler Co 98-138 (Set by ASI in 1998)

NAD 83(NA2011) Latitude: **N42°41'10.17996"** Longitude: **W92°47'24.67793"**

NAVD 88 Ortho Height: **952.040sft** Ellip. Ht: **847.778sft** **Geoid12B**

Iowa North Zone (1401) Northing: **3713899.605sft** Easting: **5112091.396sft**

Mapping Angle: **0°28'52"** Combination Scale Factor: **0.9999048986**

laRCS Zone 5 Northing: **8913643.442sft** Easting: **15354750.562sft**

Mapping Angle: **-0°21'58"** Combination Scale Factor: **0.9999916737**

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

