

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: **146**

Designation: Butler Co 98-146 (Set by ASI in 1998)

NAD 83(NA2011) Latitude: **N42°41'12.29921"** Longitude: **W92°43'54.15069"**

NAVD 88 Ortho Height: **975.230sft** Ellip. Ht: **870.905sft** **Geoid12B**

Iowa North Zone (1401) Northing: **3714251.586sft** Easting: **5127812.023sft**

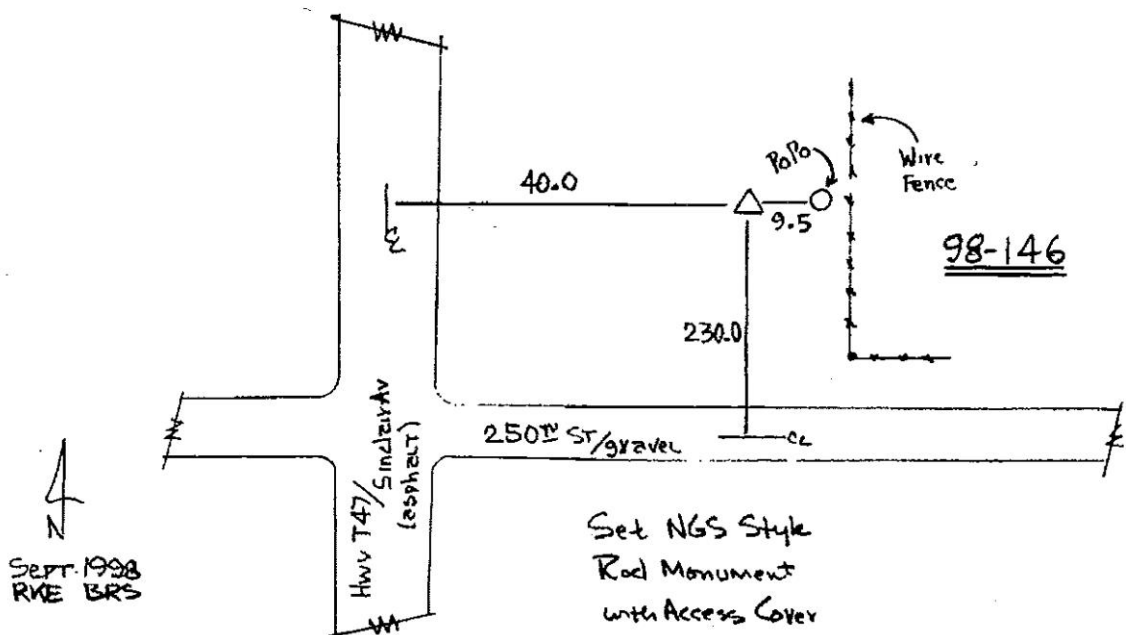
Mapping Angle: **0°31'15"** Combination Scale Factor: **0.9999037966**

IaRCS Zone 5 Northing: **8913762.988sft** Easting: **15370476.039sft**

Mapping Angle: **-0°19'35"** Combination Scale Factor: **0.9999905748**

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.

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