

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: **119**

Designation: Butler Co 98-119 (Set by ASI in 1998)

NAD 83(NA2011) Latitude: **N42°49'07.15946"** Longitude: **W92°54'24.59470"**

NAVD 88 Ortho Height: **1031.810sft** Ellip. Ht: **929.190sft** **Geoid12B**

Iowa North Zone (1401) Northing: **3761943.159sft** Easting: **5080392.143sft**

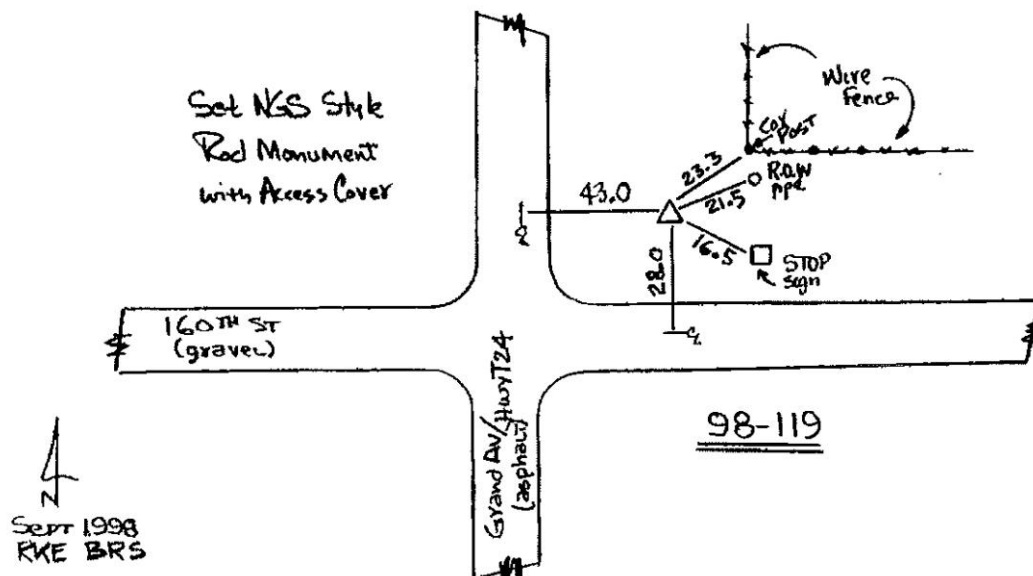
Mapping Angle: **0°24'07"** Combination Scale Factor: **0.9999044193**

IaRCS Zone 5 Northing: **8962154.588sft** Easting: **15323762.310sft**

Mapping Angle: **-0°26'42"** Combination Scale Factor: **0.9999919051**

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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