

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: **103**

Designation: Butler Co 98-103 (Set by ASI in 1998)

NAD 83(NA2011) Latitude: **N42°49'07.85103"** Longitude: **W93°01'31.67039"**

NAVD 88 Ortho Height: **1048.950sft** Ellip. Ht: **948.256sft** Geoid12B

Iowa North Zone (1401) Northing: **3761812.179sft** Easting: **5048564.098sft**

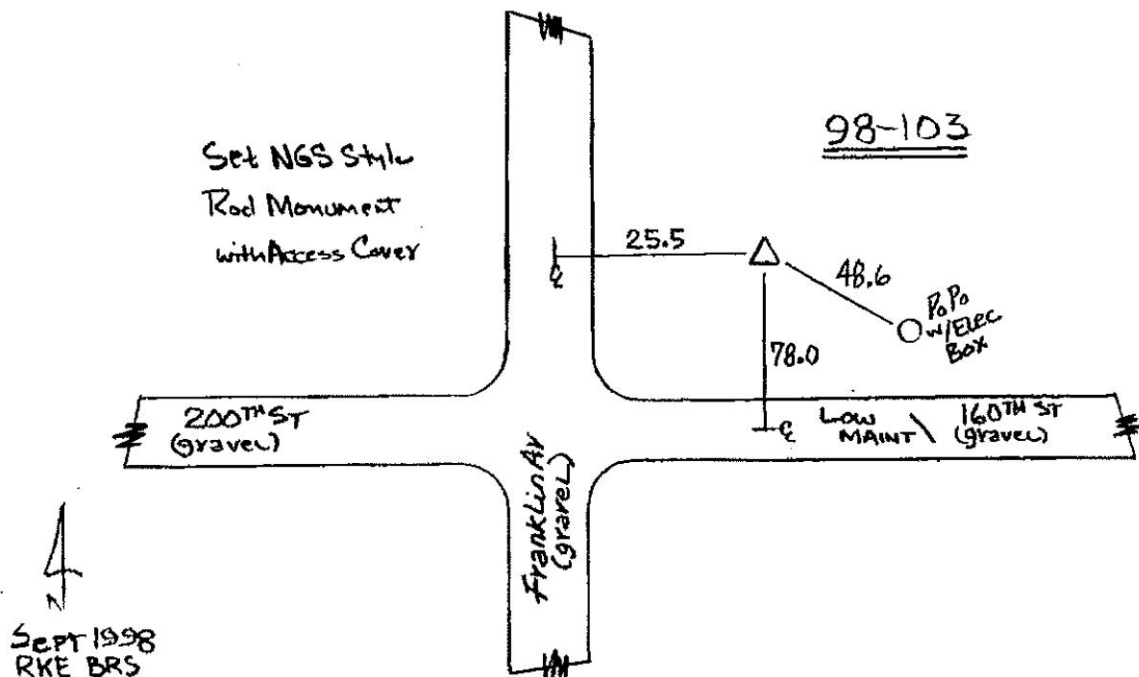
Mapping Angle: **0°19'18"** Combination Scale Factor: **0.9999035169**

IaRCS Zone 5 Northing: **8962494.157sft** Easting: **15291933.021sft**

Mapping Angle: **-0°31'31"** Combination Scale Factor: **0.9999910036**

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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