

**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: **85**

**Designation:** Black Hawk Co 94-085 (Set by ASI in 1994)

NAD 83(NA2011) Latitude: **N42°38'32.85341"** Longitude: **W92°33'20.40062"**

NAVD 88 Ortho Height: **979.050sft** Ellip. Ht: **875.202sft** **Geoid12B**

**Iowa North Zone (1401)** Northing: **3698590.983sft** Easting: **5175320.915sft**

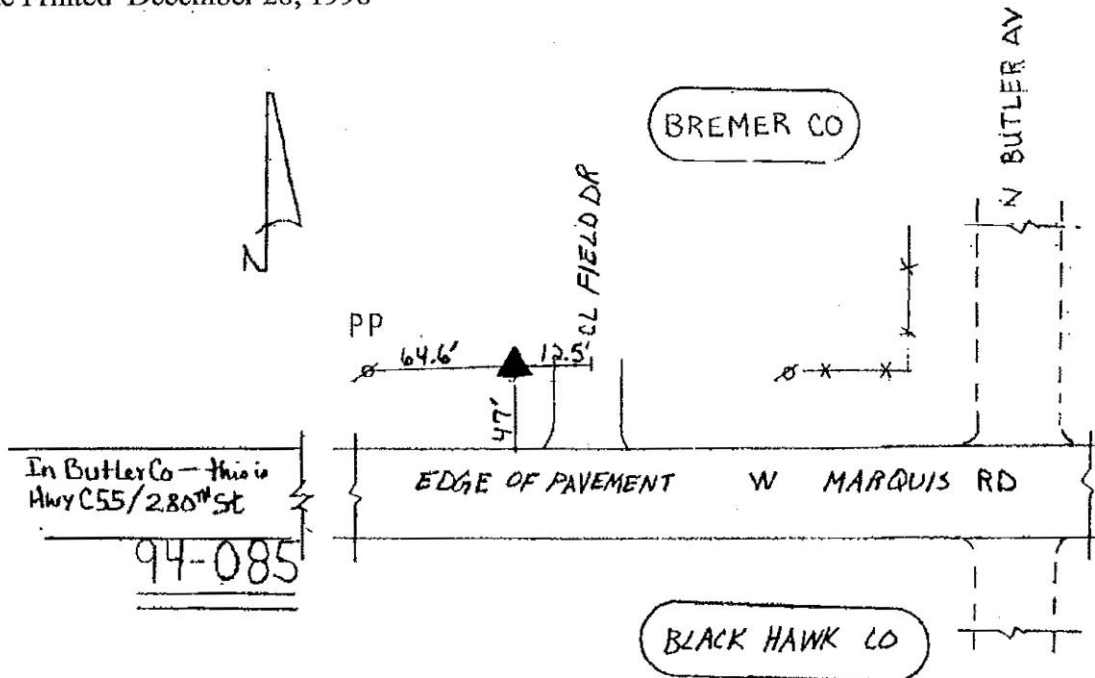
Mapping Angle: **0°38'24"** Combination Scale Factor: **0.9999036319**

**IaRCS Zone 5** Northing: **8897400.307sft** Easting: **15417752.309sft**

Mapping Angle: **-0°12'26"** Combination Scale Factor: **0.9999901728**

**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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*This document was prepared by Dan Corbin, Inc. on February 28<sup>th</sup>, 2019 for Butler County, Iowa.*