

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: **205**

Designation: USGS 3rd order Vert. "4 CDL 1972"

NAD 83(NA2011) Latitude: **N42°54'08.40816"** Longitude: **W93°00'19.65136"**

NAVD 88 Ortho Height: **1068.789sft** Ellip. Ht: **968.627sft** Geoid**12B**

Iowa North Zone (1401) Northing: **3792269.658sft** Easting: **5053753.297sft**

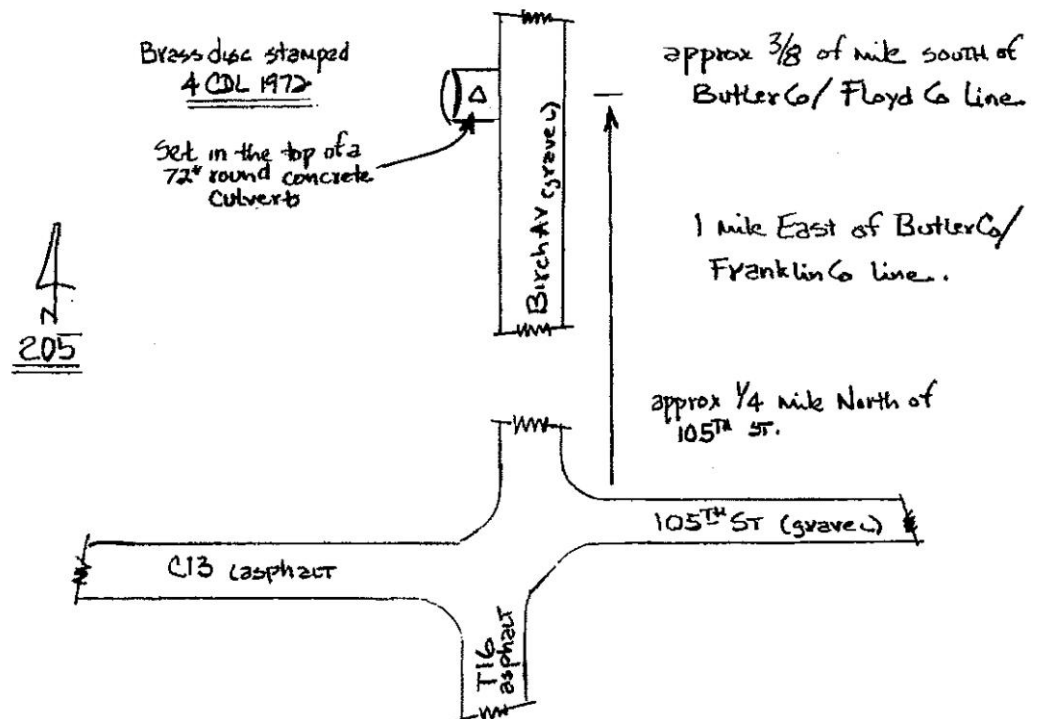
Mapping Angle: **0°20'07"** Combination Scale Factor: **0.9999074403**

IaRCS Zone 5 Northing: **8992874.264sft** Easting: **15297572.387sft**

Mapping Angle: **-0°30'43"** Combination Scale Factor: **0.9999953760**

Monument Type: A standard disk, stamped 4 CDL 1972 and set in the top of a round concrete culvert.

Date Printed December 28, 1998



This document was prepared by Dan Corbin, Inc. on February 28th, 2019 for Butler County, Iowa.

1998
Butler County, Iowa
Iowa North Zone (1401)
NAD_83(1996)

Point Number: 205

Northing: 3792269.91(Ft)  Easting: 5053752.84(Ft)

Northing: 1155886.179(M) Easting: 1540386.945(M)

Elev: 1068.52(Ft) NAVD_88

Elev: 325.685(M) NAVD_88 Ellip Ht: 295.371(M) 96C Geoid Ht: -30.314(M)

Latitude: 42-54-08.410631N Longitude: 93-00-19.657542W

Theta: 0-20-06.62 Combination Factor: 0.99990739

Designation: 4 CDL 1972 USGS 3rd order vertical control station

Monument Type: A standard bench mark disk set in the top of a 72-in. round concrete culvert.

To Reach: **** See the current USGS data sheet for complete description ****

Date Printed December 28, 1998

