

**Hardin County, Iowa**  
Horizontal Datum: **NAD 83(NA2011)** - Vertical Datum: **NAVD 1988**  
Iowa State Plane North Zone (1401)  
Iowa Regional Coordinate System, Zone 4, Sioux City-Iowa Falls LCC  
US Survey Feet  
**9/30/18**

Point Name: **9786**

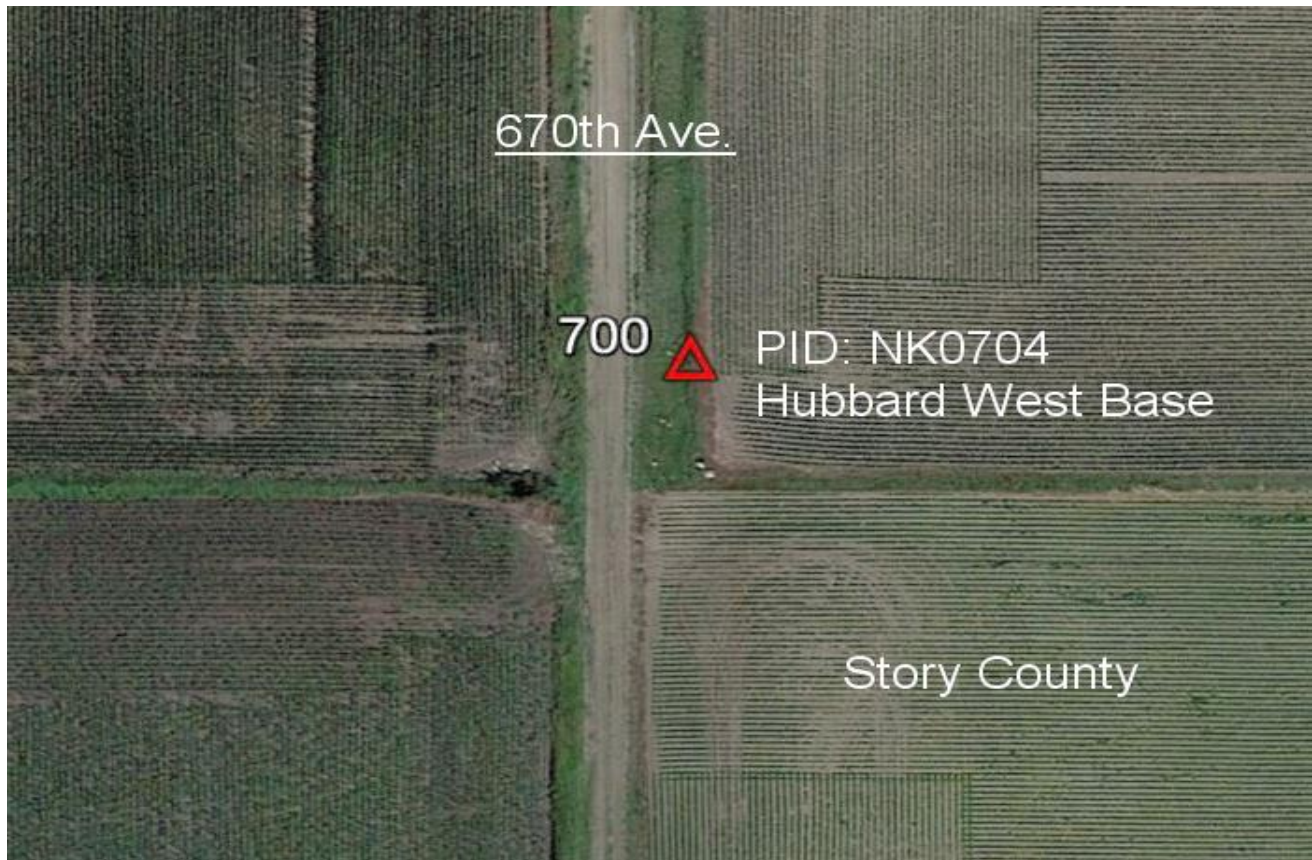
**Designation:** CBN: "Hubbard West Base" PID: NK0704

NAD 83(NA2011) Latitude: **N42°11'17.95884"** Longitude: **W93°21'58.33310"**  
NAVD 88 Ortho Height: **1149.260sft** Ellip. Ht: **1051.182sft** **Geoid12B**

**Iowa North Zone (1401)** Northing: **3531702.080sft** Easting: **4957510.300sft**  
Mapping Angle: **0°05'26"** Combination Scale Factor: **0.9999298952**

**IaRCS Zone 4** Northing: **8477700.585sft** Easting: **14897621.711sft**  
Mapping Angle: **0°59'31"** Combination Scale Factor: **1.0000127794**

**Monument Type:** The station is a standard CGS horizontal station mark disk. Surface, underground and reference marks are standard bronze disks set in concrete.



*This document was prepared by Dan Corbin, Inc. on February 18<sup>th</sup>, 2019 for Hardin County, Iowa.*