

**Woodbury County, Iowa**

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**  
Iowa State Plane North Zone (1401)  
Iowa Regional Coordinate System Zone 4 Sioux City-Iowa Falls LCC  
US Survey Feet  
**2015**

Point Name: **10014**

GPS No. (1998): **N/A**

**Designation:** FBN 1st order vert. control station. PID: NM1943 Designation: I29 004.2

NAD 83(NA2011) Latitude: **N42°32'52.76010"** Longitude: **W96°30'27.69384"**

NAVD 88 Ortho Height: **1105.560sft** Ellip. Ht: **1020.486sft** **Geoid09**

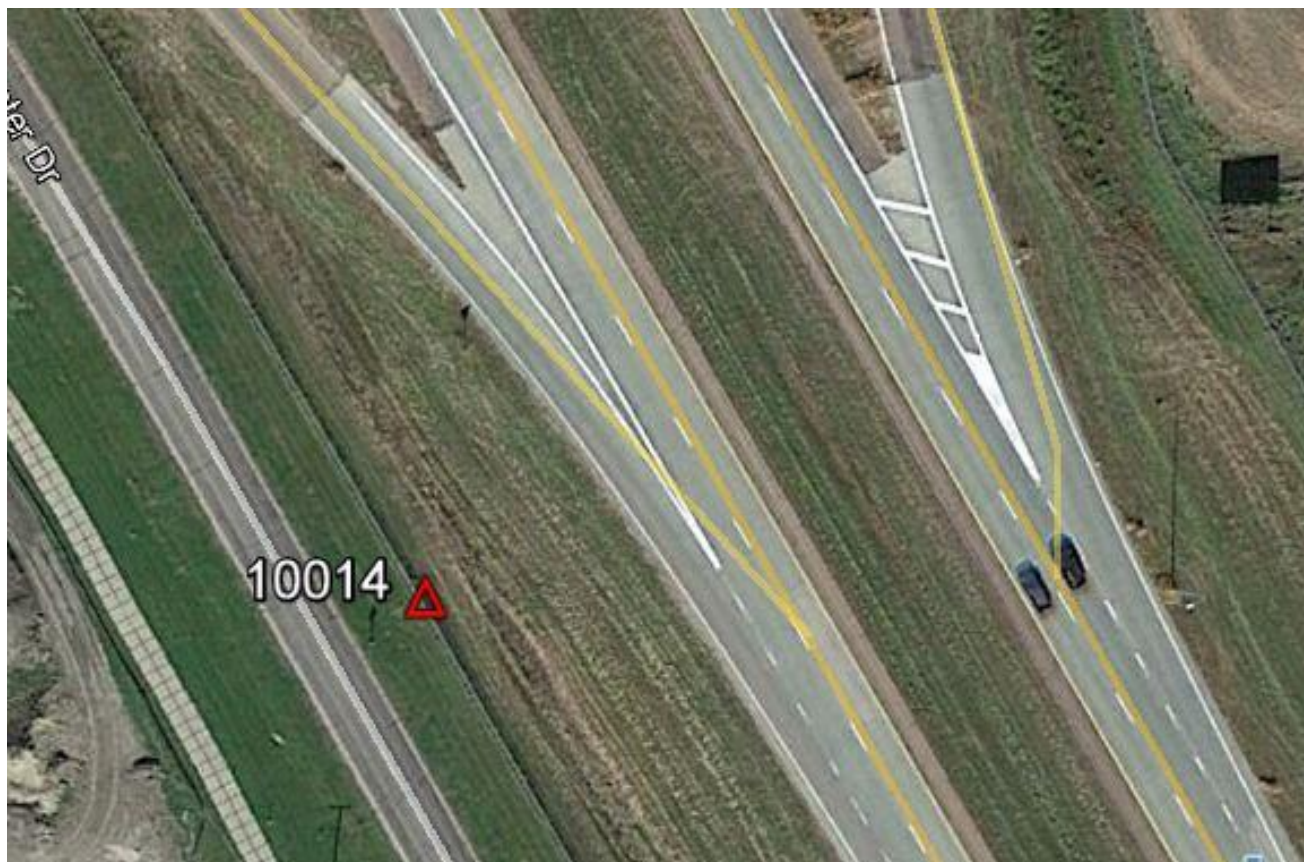
Iowa North Zone (1401) Northing: **3677159.487sft** Easting: **4110965.660sft**

Mapping Angle: **-2°02'18"** Combination Scale Factor: **0.999898851**

IaRCS Zone 4 Northing: **8609798.275sft** Easting: **14048811.129sft**

Mapping Angle: **-01° 07' 55"** Combination Scale Factor: **0.999996162**

**Monument Type:** The station is a punch point on top of a stainless steel rivet fastened to a metal pipe cap attached to a 1 1/2-inch galvanized steel pipe.



*This document was prepared by Dan Corbin, Inc. on March 6, 2015 for Woodbury County, Iowa.*