

**Muscatine County, Iowa**

Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**

Iowa State Plane South Zone (1402)

Iowa Regional Coordinate System Zone 14 Burlington

US Survey Feet

**2014**

Point Name: **149**

**Designation:** Muscatine Co. GPS Control Pt 2000-149 (Set by ASI in 2000)

NAD 83(NA2011) Latitude: **N41°20'02.91641"** Longitude: **W91°06'32.18595"**

NAVD 88 Ortho Height: **538.460sft** Ellip. Ht: **430.268sft** **Geoid12A**

Iowa South Zone (1402) Northing: **495097.424sft** Easting: **2296969.937sft**

Mapping Angle: **1°34'30"** Combination Scale Factor: **0.999930536**

laRCS Zone 14 Northing: **6595031.311sft** Easting: **24538740.536sft**

Mapping Angle: **0°05'35"** Combination Scale Factor: **0.9999991835**

**Monument Type:** 5/8" dia. driven aluminum rod with a 2-1/2" dia. aluminum cap and permanent magnet encased in a 5" dia. PVC pipe with an aluminum access cover.

