

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: **142**

Designation: Muscatine Co. GPS Control Pt 2000-142 (Set by ASI in 2000)

NAD 83(NA2011) Latitude: **N41°21'46.59573"** Longitude: **W91°04'20.02434"**
NAVD 88 Ortho Height: **541.590sft** Ellip. Ht: **433.463sft** **Geoid12A**

Iowa South Zone (1402) Northing: **505865.888sft** Easting: **2306755.008sft**
Mapping Angle: **1°35'57"** Combination Scale Factor: **0.999931675**

IaRCS Zone 14 Northing: **6605543.863sft** Easting: **24548801.484sft**
Mapping Angle: **0°07'03"** Combination Scale Factor: **1.0000000376**

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.

