

**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: **302**

**Designation:** City of Muscatine GPS Control Pt 2000-302 (Set by ASI in 2000)

NAD 83(NA2011) Latitude: **N41°27'02.59228"** Longitude: **W91°05'26.39459"**  
NAVD 88 Ortho Height: **718.790sft** Ellip. Ht: **610.944sft** **Geoid12A**

Iowa South Zone (1402) Northing: **537695.177sft** Easting: **2300810.458sft**  
Mapping Angle: **1°35'13"** Combination Scale Factor: **0.999928702**

IaRCS Zone 14 Northing: **6637518.311sft** Easting: **24543681.575sft**  
Mapping Angle: **0°06'20"** Combination Scale Factor: **0.9999910276**

**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.

