

**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: **322**

**Designation:** City of Muscatine GPS Control Pt 2000-322 (Set by ASI in 2000)

NAD 83(NA2011) Latitude: **N41°23'35.23469"** Longitude: **W91°03'22.25008"**  
NAVD 88 Ortho Height: **546.670sft** Ellip. Ht: **438.621sft** **Geoid12A**

Iowa South Zone (1402) Northing: **516980.253sft** Easting: **2310849.700sft**  
Mapping Angle: **1°36'35"** Combination Scale Factor: **0.999933054**

IaRCS Zone 14 Northing: **6616549.384sft** Easting: **24553182.485sft**  
Mapping Angle: **0°07'41"** Combination Scale Factor: **1.0000003020**

**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.

