

Louisa County, Iowa
Horizontal Datum: **NAD 83(2011)** - Vertical Datum: **NAVD 1988**
Iowa State Plane South Zone (1402)
Iowa Regional Coordinate System Zone 14 Burlington TM
US Survey Feet
2015

Point Name: **309**

Designation: 99-309 Des Moines Co GPS Control Pt. (set by ASI in 1999)

NAD 83(NA2011) Latitude: **N41°04'22.85410"** Longitude: **W90°59'48.37342"**
NAVD 88 Ortho Height: **534.830** sft Ellip. Ht: **426.299**sft **Geoid12A**

Iowa South Zone (1402) Northing: **400862.825**sft Easting: **2330499.674**sft
Mapping Angle: **1°38'56"** Combination Scale Factor: **0.999930507**

IaRCS Zone 14 Northing: **6499954.134**sft Easting: **24569823.953**sft
Mapping Angle: **00° 09' 59"** Combination Scale Factor: **1.000003151**

Monument Type: Berntsen Top Security Rod Monument with a 2-1/2" dia. domed survey cap and permanent magnet encased in a 5" dia. PVC pipe with a NGS style aluminum access cover.



This document was prepared by Dan Corbin, Inc. on February 26, 2015 for Louisa County, Iowa