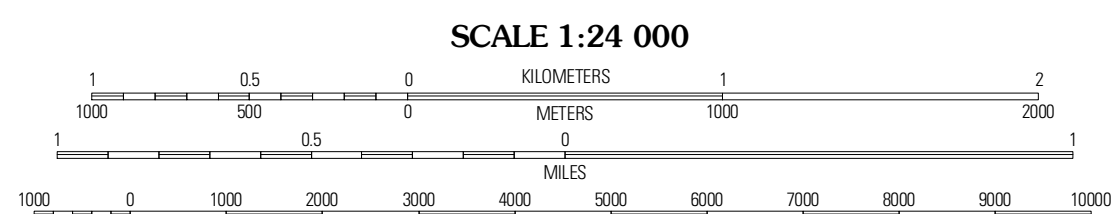
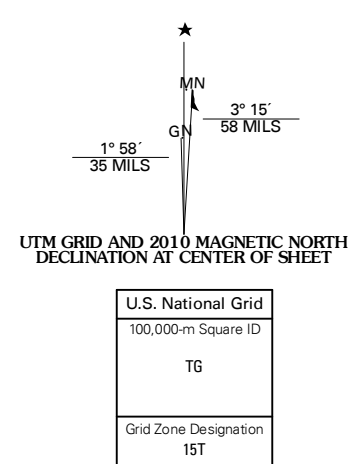




Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84) Projection and  
1 000-meter grid; Universal Transverse Mercator, Zone 15T  
10 000-foot ticks; Iowa Coordinate System of 1983  
(north zone)

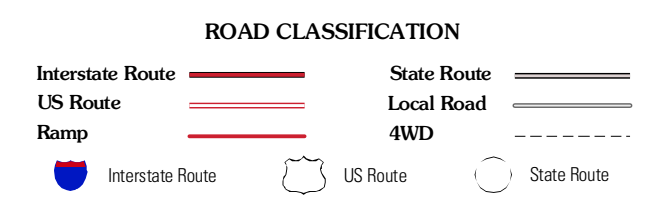
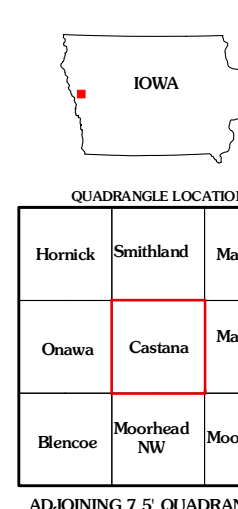
Imagery.....NAP, July 2009  
Roads.....US Census Bureau TIGER data  
with limited USGS updates, 2008  
Names.....GNIS, 2008  
Hydrography.....National Hydrography Dataset, 2009  
Contours.....National Elevation Dataset, 2008



SCALE 1:24 000

CONTOUR INTERVAL 20 FEET

This map was produced to conform with version 0.5.10 of the  
draft USGS Standards for 7.5-Minute Quadrangle Maps.  
A metadata file associated with this product is also draft version 0.5.10



**CASTANA, IA**  
2010