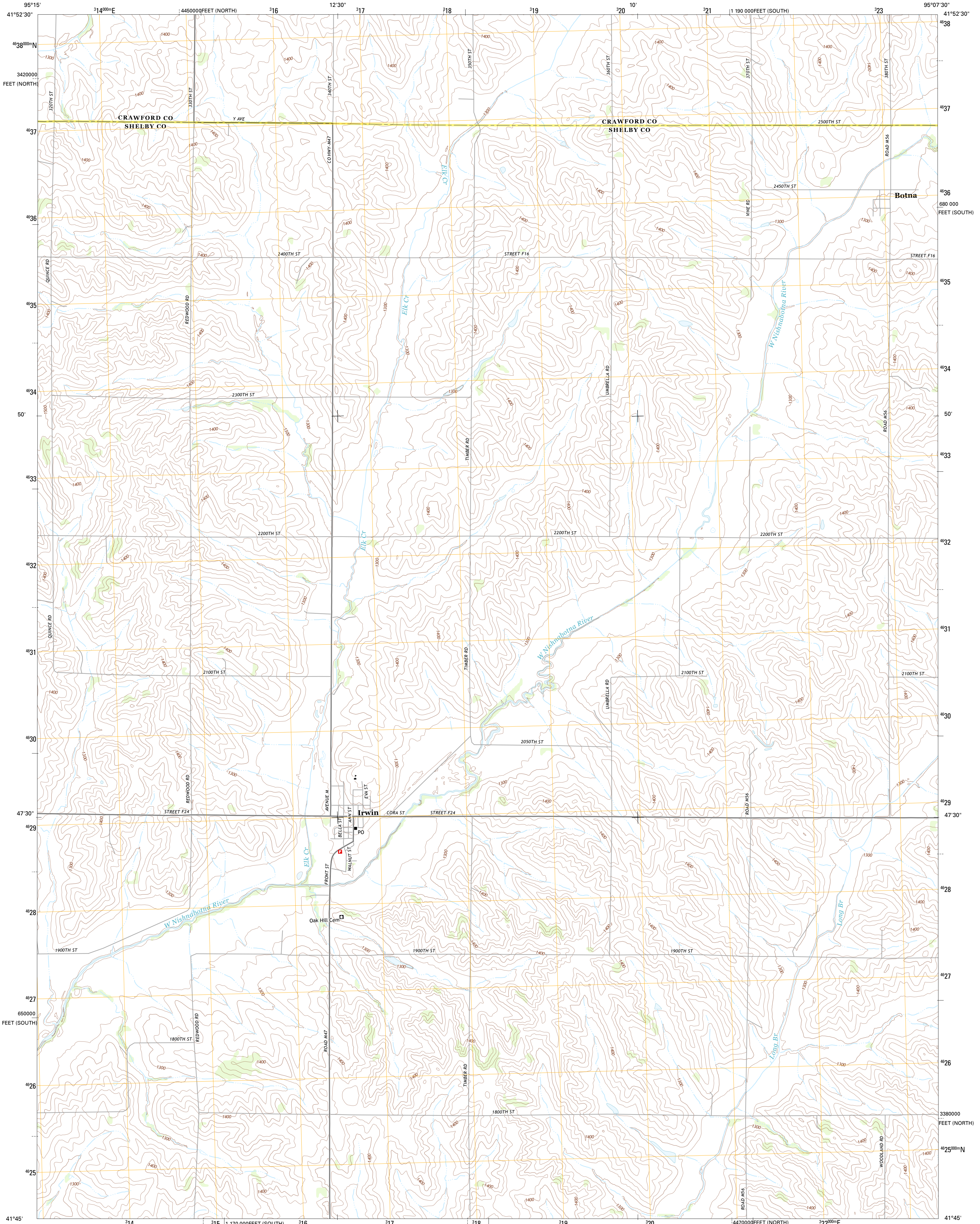




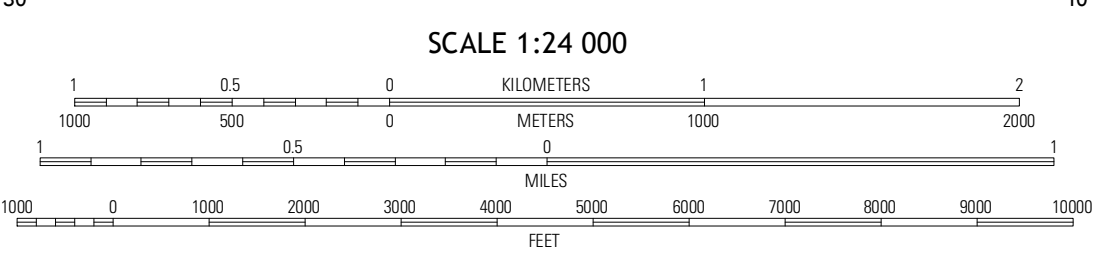
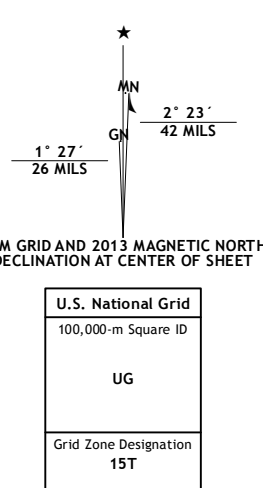
U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY



IRWIN QUADRANGLE  
IOWA  
7.5-MINUTE SERIES



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 (south and  
north zones)



**ROAD CLASSIFICATION**

- Expressway
- Secondary Hwy
- Ramp
- Local Connector
- Local Road
- 4WD
- US Route
- State Route

QUADRANGLE LOCATION

Barling	Manila	Manning
Defiance	Irwin	Manning SE
Harlan	Jackmanville	Kimballton

Imagery.....NAIP, July 2011  
Roads.....©2006-2012 TomTom  
Names.....GNIS, 2012  
Hydrography.....National Hydrography Dataset, 2011  
Contours.....National Elevation Dataset, 2006  
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2012

CONTOUR INTERVAL 20 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988  
This map was produced to conform with the  
National Geospatial Program US Topo Product Standard, 2011.  
A metadata file associated with this product is draft version 0.6.11

IRWIN, IA  
2013

ADJOINING 7.5 QUADRANGLES