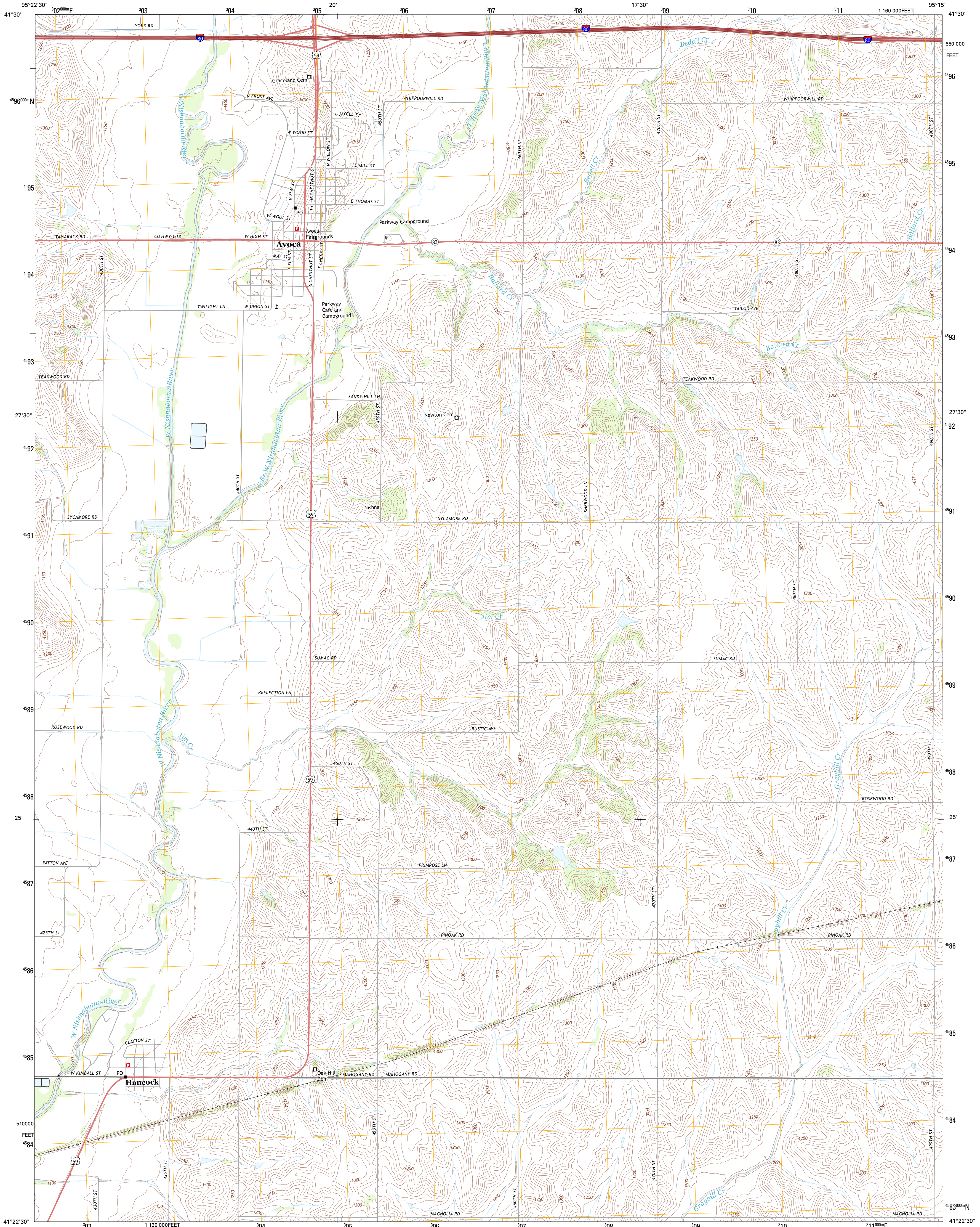




U.S. DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY



AVOCA QUADRANGLE
IOWA-POTTAWATTAMIE CO.
7.5-MINUTE SERIES



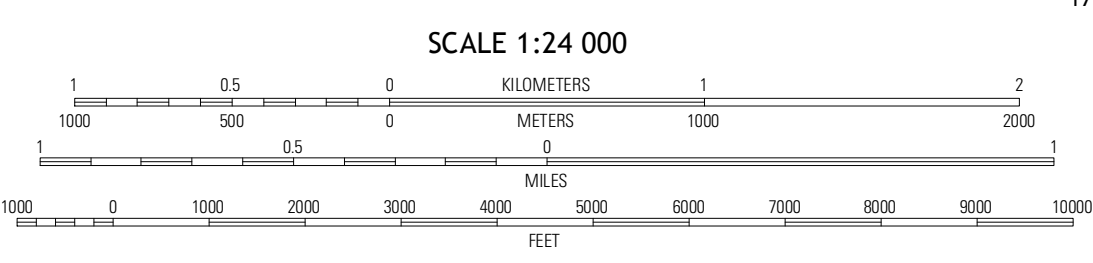
Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1000-meter grid: Universal Transverse Mercator, Zone 15T
10 000-foot ticks: Iowa Coordinate System of 1983 (south zone)

Imagery.....N.A.I.P., 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

UTM GRID AND 2013 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
UF

Grid Zone Designation
15T



CONTOUR INTERVAL 10 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



ROAD CLASSIFICATION

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

Shelby	Orley	Prairie Rose Lake
Avoca NW	Avoca	Walnut
Oakland	Avoca SE	Atlantic SW

ADJOINING 7.5 QUADRANGLES

AVOCA, IA
2013