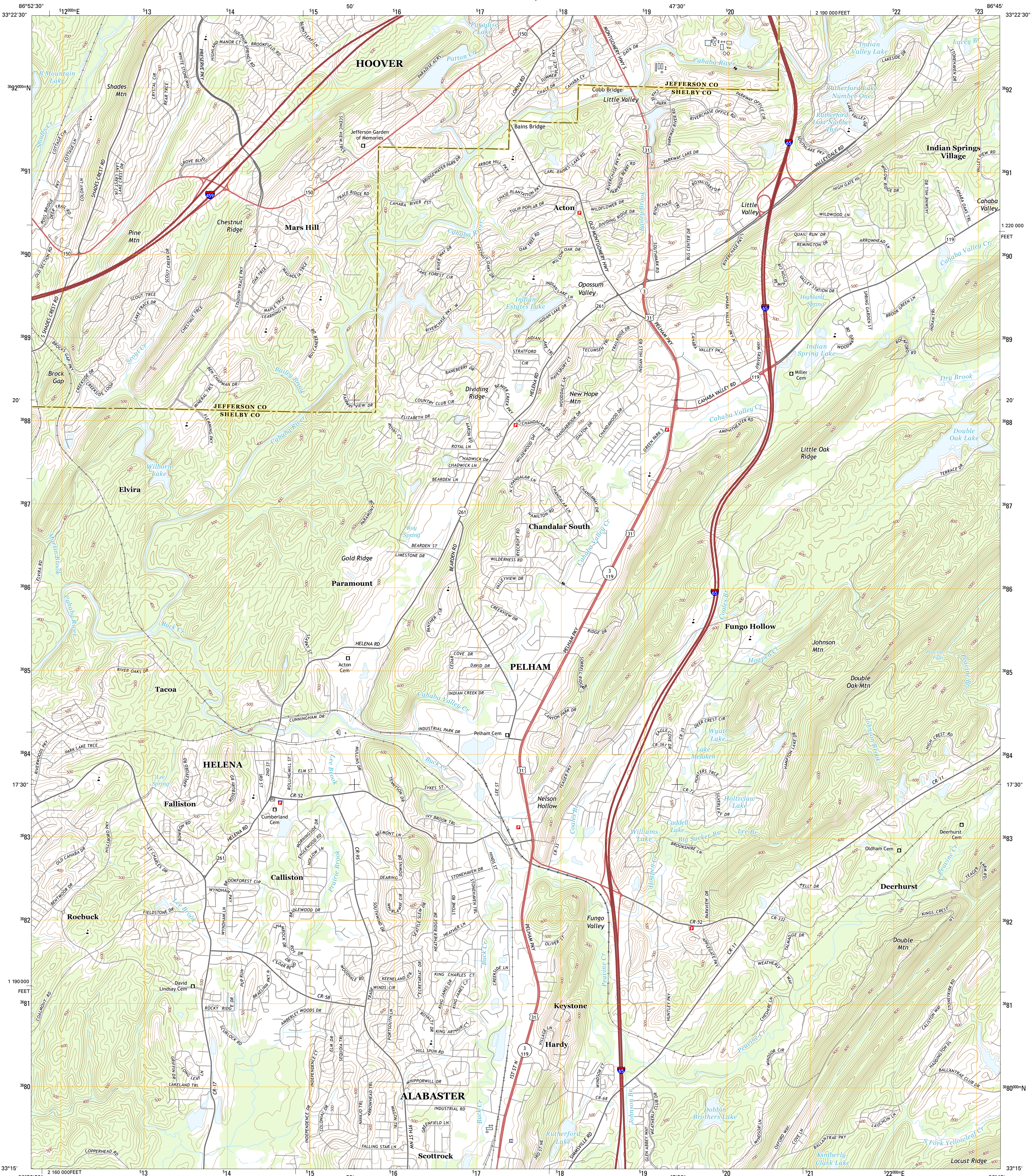




U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



HELENA QUADRANGLE
ALABAMA
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 16S
10 000-foot ticks: Alabama Coordinate System of 1983 (west
zone)

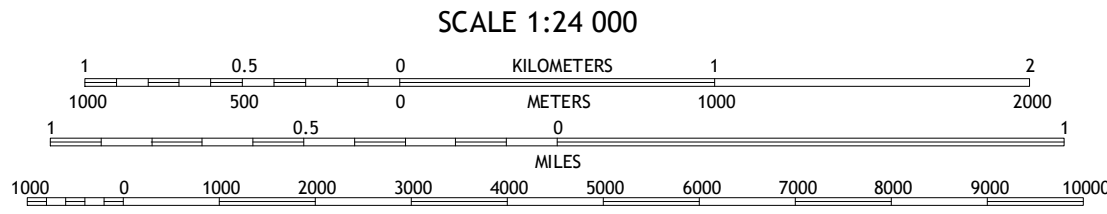
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

Imagery.....NAIP, December 2013
Roads.....HERE, ©2013
Names.....GNIS, 2013
Hydrography.....National Hydrography Dataset, 2013
Contours.....National Elevation Dataset, 2002
Boundaries.....Multiple sources; see metadata file 1972 - 2013

UTM GRID AND 2014 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

3° 5' N
55 MILS
0° 6' N
2 MILS

U.S. National Grid
100,000-m Square ID
EB
Grid Zone Designation
16S



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 0.6.16



ROAD CLASSIFICATION

Expressway
Secondary Hwy
Ramp

Local Connector
Local Road
4WD
US Route
State Route

1	2	3
4	5	6
7	8	

ADJOINING QUADRANGLES

1 Bessemer
2 Birmingham South
3 Cahaba Heights
4 Greenwood
5 Chelsea
6 Pea Ridge
7 Alabaster
8 Bounds Lake

HELENA, AL
2014

