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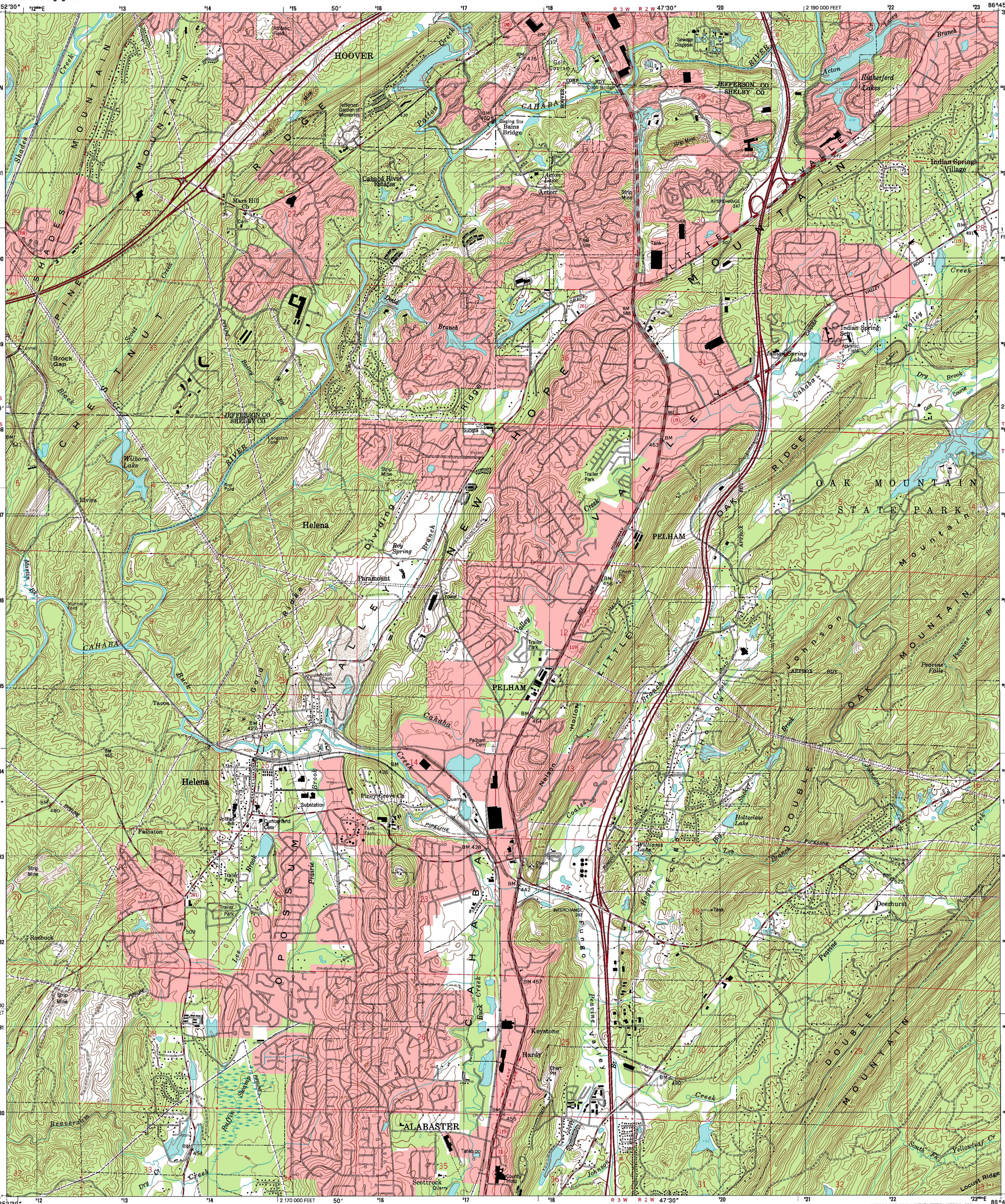
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

HELENA QUADRANGLE
ALABAMA
7.5-MINUTE SERIES (TOPOGRAPHIC)



Produced by the United States Geological Survey

Topography compiled 1957. Planimetry derived from imagery taken 1997 and other sources. Public Land Survey System and survey control current as of 1959

North American Datum of 1983 (NAD 83). Projection and 1 000-meter grid: Universal Transverse Mercator, zone 16
10 000-foot ticks: Alabama Coordinate System of 1983 (west zone)

North American Datum of 1927 (NAD 27) is shown by dashed corner ticks. The values of the shift between NAD 83 and NAD 27 for 7.5-minute intersections are obtainable from National Geodetic Survey NADCON software

There may be private inholdings within the boundaries of the National or State reservations shown on this map

Landmark buildings verified 1959

MN GN
1 ¼° 27 MILS
0° 06′ 2 MILS
UTM GRID AND 2000 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

20% TOTAL RECOVERED FIBER

SCALE 1:24 000

KILOMETERS 1 0.5 0 1 2
METERS 1000 0 1000 2000
MILES 1 0.5 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ALABAMA
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

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

ADJOINING 7.5′ QUADRANGLE NAMES

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—2001

ROAD CLASSIFICATION

Primary highway hard surface
Secondary highway hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route
U.S. Route
State Route

HELENA, AL

1997

NIMA 3650 IV SE-SERIES V844

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North = 19.074, South = 19.101, East = 22.733, West = 22.733, D1 = 29.684, D2 = 29.684