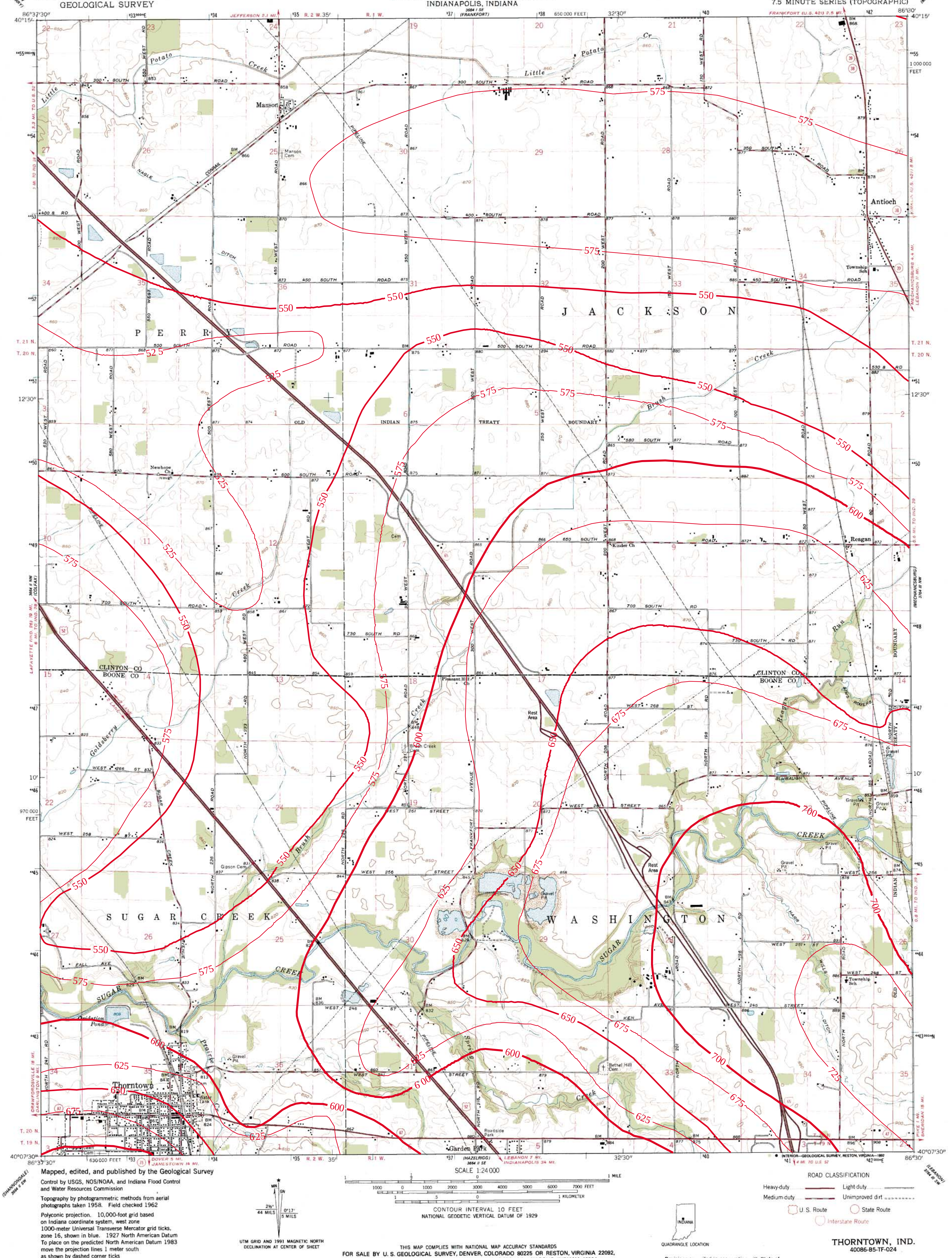
BEDROCK TOPOGRAPHY OF THORNTOWN QUADRANGLE, INDIANA

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF INDIANA
INDIANA DEPARTMENT OF CONSERVATION
INDIANAPOLIS, INDIANA

THORNTOWN QUADRANGLE
INDIANA
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey

Control by USGS, NOS/NOAA, and Indiana Flood Control and Water Resources Commission

Topography by photogrammetric methods from aerial photographs taken 1958. Field checked 1962

Polyconic projection. 10,000-foot grid based on Indiana coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue. 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 1 meter south as shown by dashed corner ticks

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

UTM GRID AND 1991 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092,
AND INDIANA DEPARTMENT OF NATURAL RESOURCES, INDIANAPOLIS, INDIANA 46204
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

Revisions compiled in cooperation with State of Indiana agencies from aerial photographs taken 1987 and other sources. Contours not revised. This information not field checked
Map edited 1991

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
U. S. Route — State Route
Interstate Route

THORNTOWN, IND.
40086-B5-TF-024

1962
REVISED 1991
DMA 3664 II NE–SERIES V851

Bedrock surface map derived from water well records housed in IDNR/DOW, Ground Water Section, oil and gas well records housed in IDNR/DOG, and seismic data from the Indiana Geological Survey (IGS).
Bedrock contouring by Glenn E. Grove and William C. Herring, Ground Water Section, Division of Water, IDNR, 2002.

Originally mapped at a scale of 1:24,000 on USGS topographic maps. Bedrock surface contour interval = 25 feet.

INDIANA DEPARTMENT OF NATURAL RESOURCES

Map generated by Glenn E. Grove
IDNR, Division of Water, Ground Water Section
September 04, 2002