UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF INDIANA
DEPARTMENT OF NATURAL RESOURCES
INDIANAPOLIS, INDIANA

STATE OF KENTUCKY
KENTUCKY GEOLOGICAL SURVEY
UNIVERSITY OF KENTUCKY

BETHLEHEM QUADRANGLE
INDIANA—KENTUCKY
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 MADISON 15' QUADRANGLE

3961 II NE (KENT) | 3961 III NE (MADISON EAST)

85°30′ | 85°22′30″ | 38°37′30″

631 000m E. | 1 650 000 FEET (KY.) | 634 27′30″ | 580 000 FEET (IND.)

R. 9 E. | R. 10 E.

3961 III NW (MADISON WEST)

410 000 FEET (KY.) | 400 000 FEET (IND.)

4276 000m N.

Paynesville | Mt Pleasant | Rodgers Ridge | Pryors Fork | Big Saluda Creek | Little Saluda Creek | Corn Creek | Browning Branch | Creek

S A L U D A

CLARK CO | JEFFERSON CO | TRIMBLE CO | KENTUCKY | INDIANA

O H I O R I V E R

Light | Substation | UNDER CONSTRUCTION | Elizabeth Ch | Marble Hill | Cem | Mahoney Cem | Wises Cem | Barebone Creek | Wises Landing | Schoolhouse Branch | Squaw Creek | Palmer | Otto | Bethel Ch | Miles Point | Doolittle Hollow | Carters Branch | Camp Creek | Turner Cem | Ross Cem | Knob Creek | Middle Creek | Ralston Cem | Morton Cem | Abbott Hollow | Little Camp Creek | Dodson Hollow | Bells Branch | Phillips Branch | Wesley Chapel | Pattons Creek | Covington Ch | Solon

B E T H L E H E M

M O R T O N

C O V I N G T O N

O W E N

R I D G E

OLDHAM CO

NORMAL POOL ELEVATION 420

TROUT 1.8 MI. | 3 MI. TO U.S. 421 BEDFORD 4.3 MI. | 3.2 MI. TO U.S. 42 | NEW WASHINGTON 2.3 MI. | SOLON 1.6 MI. | 2.5 MI. TO U.S. 42

T. 2 N. | T. 1 N.

3961 II SE (NEW WASHINGTON) | 3961 III SE (BEDFORD)

32′30″ | 35′ | 25′

4276 | 4275 | 4274 | 4273 | 4272 | 4271 | 4270 | 4269 | 4268 | 4267 | 4266 | 4265 | 4264 | 4263

370 000 FEET (IND.) | 370 000 FEET (KY.)

4263 000m N.

550 000 FEET (IND.) | 1 670 000 FEET (KY.)

633 | 635 | 637 | 639 | 641 000m E.

(LA GRANGE) 3960 IV NW

38°30′

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1993

(OWEN) 3960 I NE | (SMITHFIELD) 3960 I NE

Produced by the United States Geological Survey

Control by USGS and NOS/NOAA

Topography in Indiana by planetable surveys 1938. Revised 1953
Topography in Kentucky by photogrammetric methods from aerial photographs taken 1950. Field checked 1953
Projection: Indiana coordinate system, east zone (transverse Mercator)
10,000-foot grid ticks: Indiana coordinate system, east zone and Kentucky coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue
1927 North American Datum (NAD 27)
North American Datum of 1983 (NAD 83) is shown by dashed corner ticks
The values of the shift between NAD 27 and NAD 83 for 7.5-minute intersections are given in USGS Bulletin 1875
Photoinspected from 1992 source; no major culture or drainage changes observed. Boundaries and names verified 1993

MN | GN | 3° 53 MILS | 0°58′ 17 MILS

UTM GRID AND 1993 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER

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,
INDIANA DEPARTMENT OF NATURAL RESOURCES, INDIANAPOLIS, INDIANA 46204,
KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KENTUCKY 40506,
AND KENTUCKY DEPARTMENT OF COMMERCE, FRANKFORT, KENTUCKY 40601
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS MAP HISTORICAL MAP ARCHIVES
OCT 25 1995
REC'D FILE COPY

INDIANA — QUADRANGLE LOCATION

ROAD CLASSIFICATION

Heavy-duty — 4 LANE | 6 LANE — Light-duty
Medium-duty — 4 LANE | 6 LANE — Unimproved dirt
U. S. Route — State Route

Revisions shown in purple and woodland compiled in cooperation with State of Kentucky agencies from aerial photographs taken 1984 and other sources. Contours adjusted adjacent to certain photorevised hydrographic features. This information not field checked. Map edited 1987

BETHLEHEM, IND.–KY.
38085-E4-TF-024

1953
PHOTOREVISED 1987
MINOR REVISION 1993
DMA 3961 III SW – SERIES V851