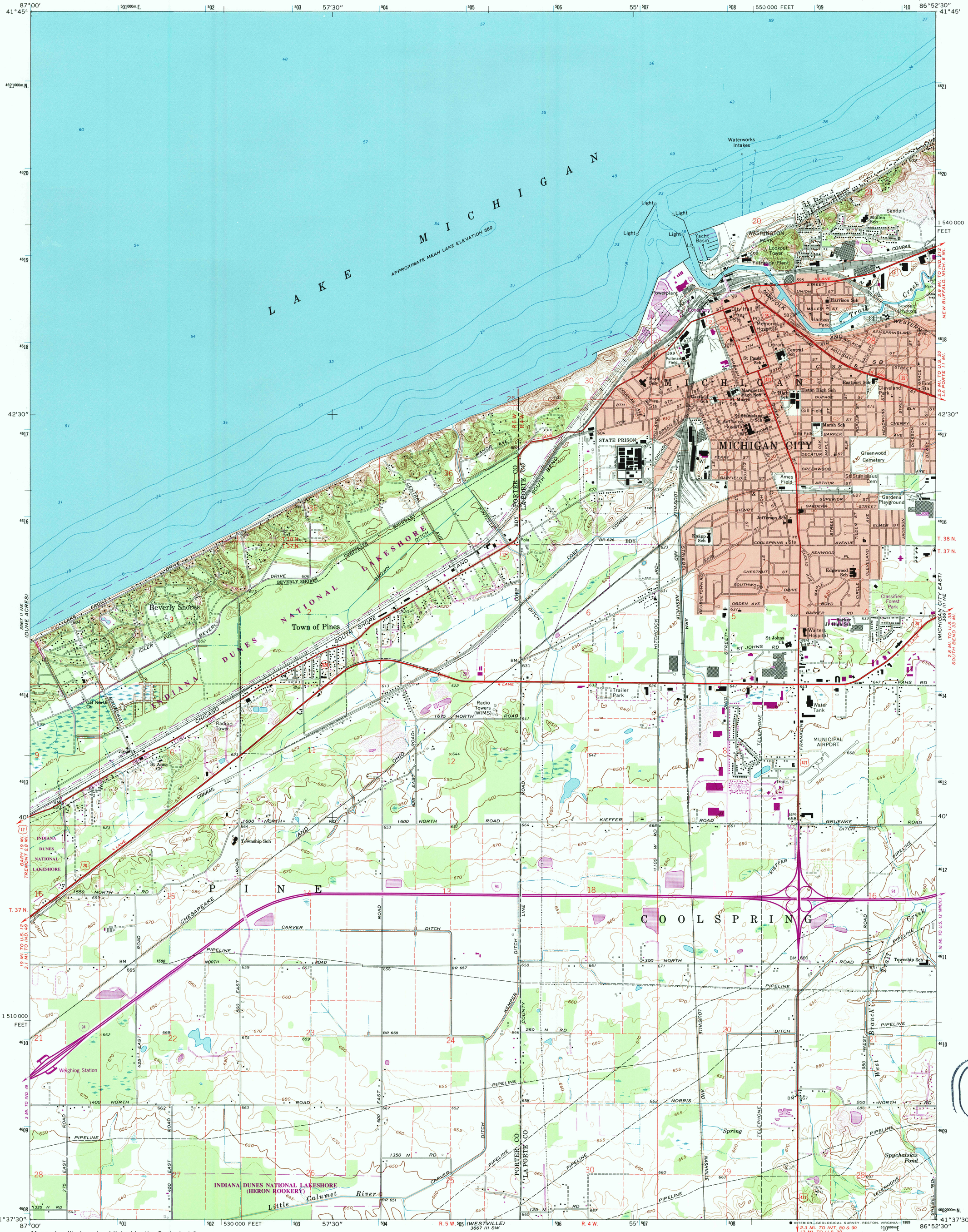
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MICHIGAN CITY WEST QUADRANGLE
INDIANA
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
Revised in cooperation with Indiana Department of Natural Resources

Control by USGS, NOS/NOAA, and USCE

Topography by photogrammetric methods from aerial photographs taken 1952 and planetable surveys 1953. Revised from aerial photographs taken 1969. Field checked 1969

Selected hydrographic data compiled from U.S. Lake Survey Chart 75 (1966)
This information is not intended for navigational purposes

Polyconic projection. 10,000-foot grid ticks 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 north and 3 meters east 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

Red tint indicates areas in which only landmark buildings are shown

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

UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
(MN, GN; 1° 18 MILS; 0°02′ 1 MIL)

SCALE 1:24 000
1 ½ 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS LOW WATER 576.8 FEET

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

INDIANA
QUADRANGLE LOCATION

Revisions shown in purple compiled in cooperation with State of Indiana agencies from aerial photographs taken 1977 and other source data. This information not field checked. Map edited 1980

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1989

ROAD CLASSIFICATION
Primary highway, all weather, hard surface — Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather
U. S. Route — State Route — Interstate Route

MICHIGAN CITY WEST, IND.
41086-F8-TF-024

1969
PHOTOREVISED 1980
DMA 3667 III NW—SERIES V851

USGS NMD HISTORICAL MAP ARCHIVES
AUG 20 1996
REC'D FILE COPY

ISBN 0-607-19966-0