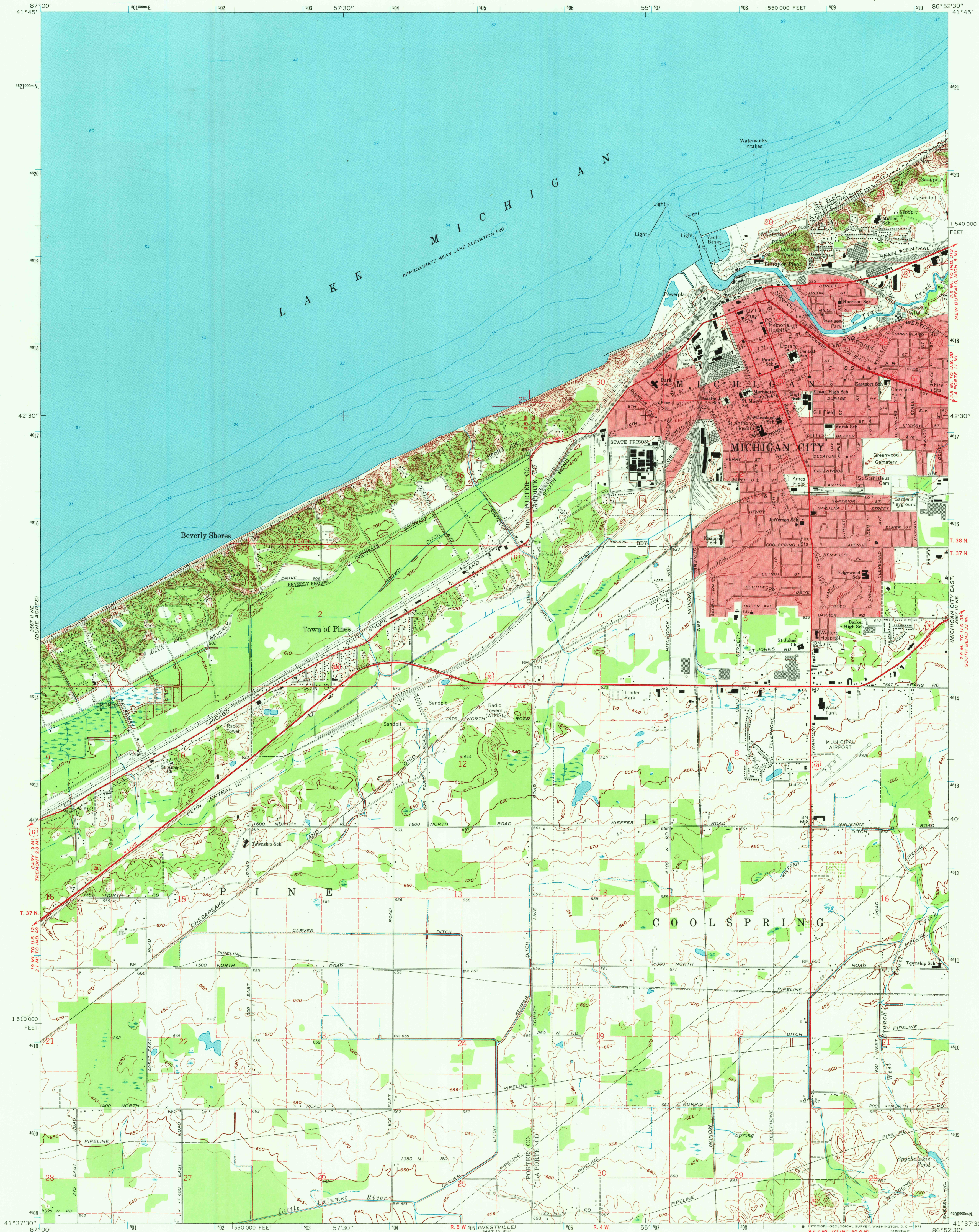
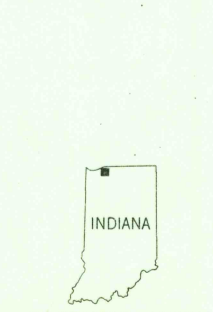




Mapped, edited, and published by the Geological Survey  
Revised in cooperation with Indiana Department  
of Natural Resources  
Control by USGS, USC&GS, and USCE  
Topography by photogrammetric methods from aerial photographs  
taken 1952 and planimetric surveys 1953. Revised from aerial  
photographs 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. 1927 North American datum  
10,000-foot grid based on Indiana coordinate system, west zone  
1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue  
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

UTM GRID AND 1969 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

SCALE 1:24,000  
CONTOUR INTERVAL 10 FEET  
DOTTED LINES REPRESENT 5-FOOT CONTOURS  
DATUM IS MEAN SEA LEVEL  
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, WASHINGTON, D. C. 20242  
AND INDIANA DEPARTMENT OF NATURAL RESOURCES, INDIANAPOLIS, INDIANA 46204  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



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

MICHIGAN CITY WEST, IND.  
N4137.5—W8652.5/7.5

USGS  
HISTORICAL FILE  
TOPOGRAPHIC DIVISION

1969

AMS 3667 III NW—SERIES V851

FEB 1 1972