



Maped, 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.  
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.  
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

SCALE 1:24,000  
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  
UTM GRID AND 1980 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET  
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

**DUPLICATE COPY**

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

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