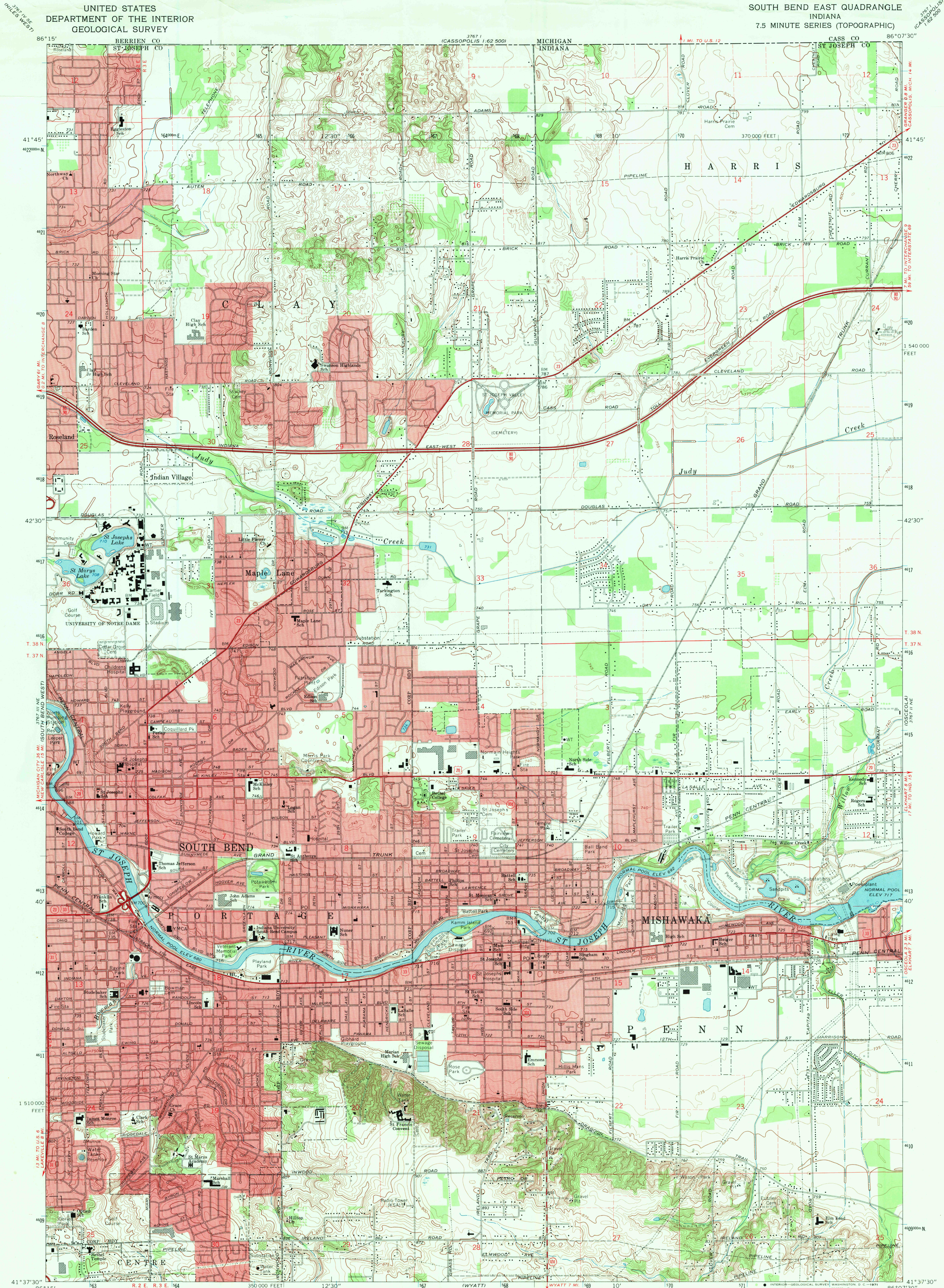




Maped, edited, and published by the Geological Survey
Revised in cooperation with Indiana
Department of Natural Resources
Control by USGS, USC&GS, U.S. Lake Survey and Indiana Flood Control
and Water Resources Commission
Planimetry by photogrammetric methods from aerial photographs
taken 1952. Topography by planetable surveys 1957-1958
Revised from aerial photographs taken 1967. Field checked 1969
Polyconic projection. 1927 North American datum
10,000-foot grid based on Indiana coordinate system, east 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 5 FEET
DATUM IS MEAN SEA LEVEL

USGS
Historical File
Topographic Division

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



SOUTH BEND EAST, IND.
N4137.5-W8607.5/7.5

U.S.G.S.
FILE COPY
TOPOGRAPHIC DIVISION