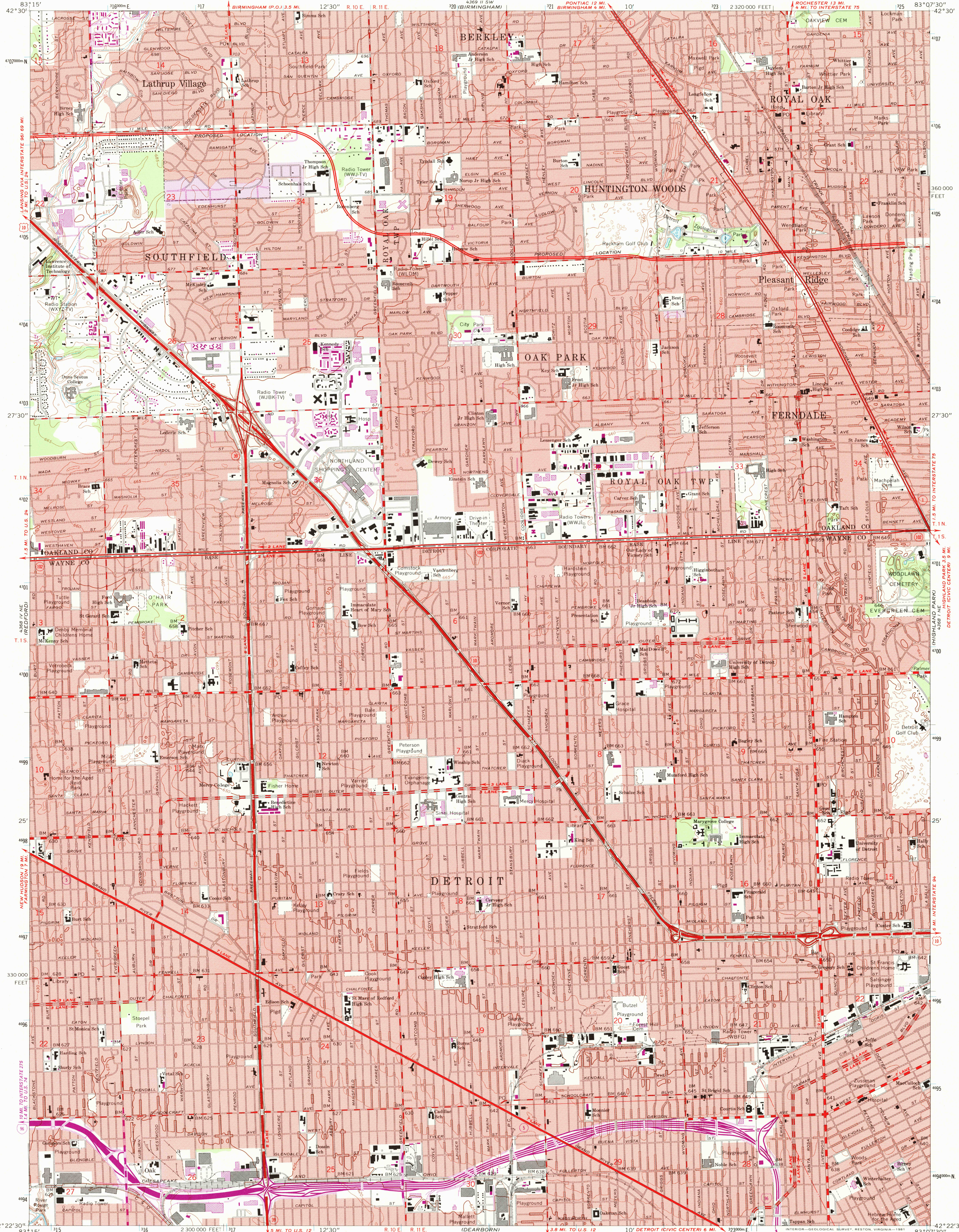


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ROYAL OAK QUADRANGLE
MICHIGAN
7.5 MINUTE SERIES (TOPOGRAPHIC)



Maped, edited, and published by the Geological Survey
in cooperation with State of Michigan agencies

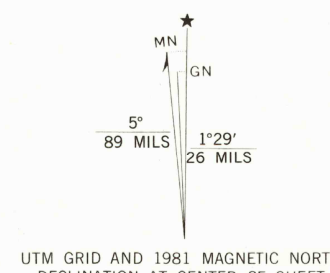
Control by USGS, USC&GS, and City of Detroit

Planimetry by photogrammetric methods from aerial photographs
Topography by planetable surveys 1939. Revised from aerial
photographs taken 1967. Field checked 1968

Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue

Red tint indicates areas in which only landmark buildings are shown

To place on the predicted North American Datum 1983
move the projection lines 7 meters west as shown by
dashed corner ticks



SCALE 1:24,000

CONTOUR INTERVAL 5 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

AND GEOLOGICAL SURVEY DIVISION

MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple compiled from aerial photographs
taken 1973 and 1981. Map edited 1981
This information not field checked
Purple tint indicates extension of urban area

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

ROYAL OAK, MICH.
N4222.5-W8307.5/7.5

1968
PHOTOGRAPHED 1981
DMA 4368 I NW-SERIES Y862

