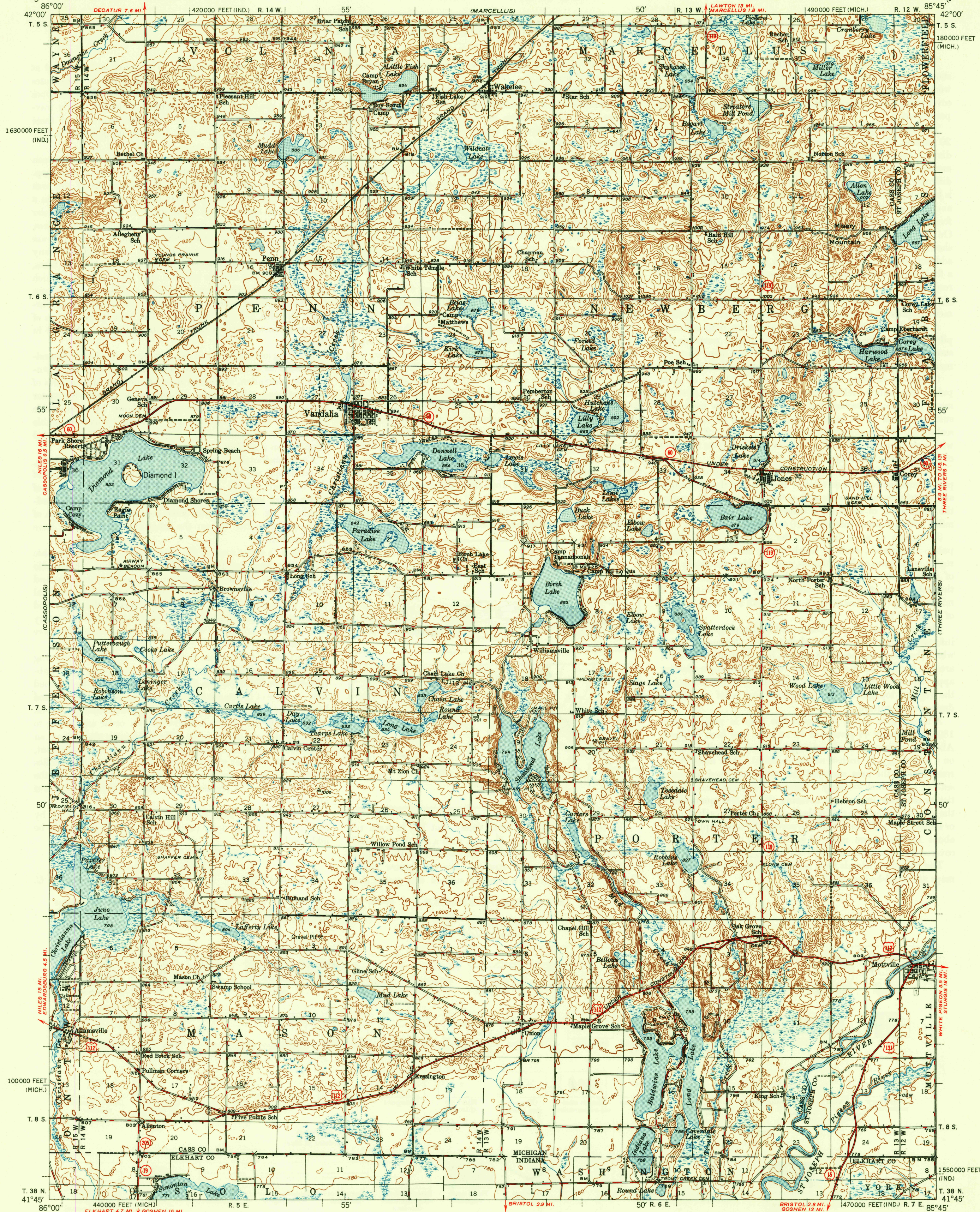


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

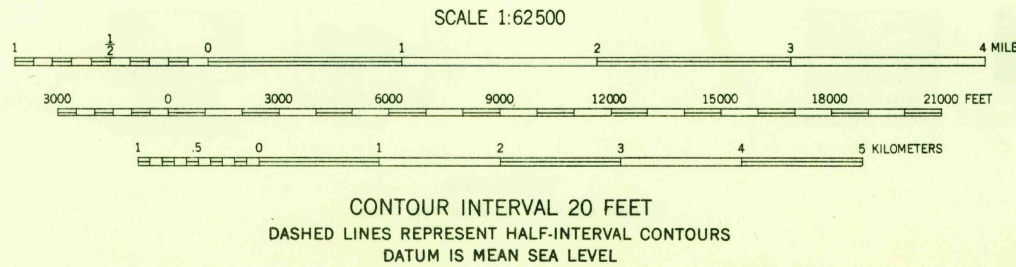
MICHIGAN
STATE HIGHWAY DEPARTMENT
CHARLES M. ZIEGLER
STATE CHIEF COMMISSIONER

VANDALIA QUADRANGLE
MICHIGAN-INDIANA
15 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Culture and drainage in part compiled from
aerial photographs taken 1938
Topography by plane-table surveys 1944-1945 and 1948
Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system,
central zone, and Indiana coordinate system, east zone

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1948



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.

ROAD CLASSIFICATION
HARD-SURFACE ALL WEATHER ROADS
Heavy-duty 4 LANE 16 LANE
Medium-duty 2 LANE 16 LANE
Loose surface, graded, or narrow hard-surface
U. S. Route State Route

VANDALIA QUADRANGLE, IND.
N 4149 W 6549
(DO NOT REMOVE)

EDITION OF 1949