

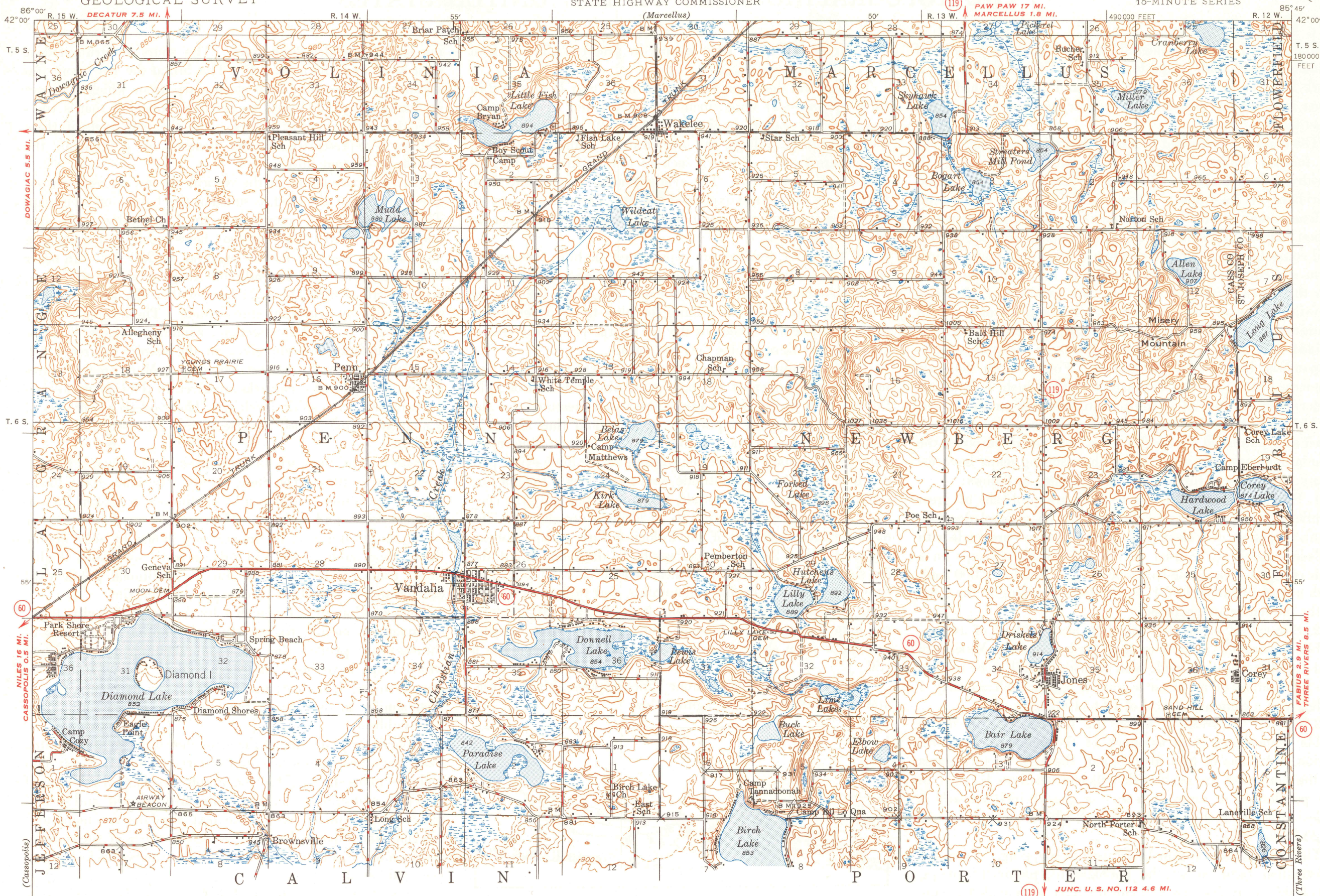
(Harford)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

MICHIGAN  
STATE HIGHWAY DEPARTMENT  
CHARLES M. ZIEGLER  
STATE HIGHWAY COMMISSIONER

MICHIGAN-INDIANA  
VANDALIA QUADRANGLE  
15-MINUTE SERIES

(Scholarship)



41° 45' 86° 00' 440000 FEET 55' 50' 50' 85° 45'

Mapped by the Geological Survey 1944-1945

SCALE 1:62500

Preliminary Edition 1948

Polycyclic projection, 1927 North American datum, 10000 foot grid based on Michigan (Central) rectangular coordinate system

VANDALIA, MICH.-IND.

N4145-W8545/15

Contour interval 90 feet  
Dashed lines represent half-interval contours  
Datum is mean sea level

APPROXIMATE MEAN DECLINATION, 1946

TRUE NORTH  
MAGNETIC NORTH

ROAD CLASSIFICATION 1947

Dependable hard-surface heavy-duty road	Dry weather roads	U. S. Route (15)
Secondary hard-surface all-weather road	Loose-surface graded	State Route (A)
	Unsurfaced graded	
	Dirt road	

More than two lanes indicated along road with tick at point of change 2 LANE, 4 LANE

100000 FEET

APPROXIMATE BOUNDARY MICHIGAN INDIANA

1 0 1 2 3 4 5 KILOMETERS

3000 0 3000 6000 9000 12000 15000 18000 21000 FEET

