

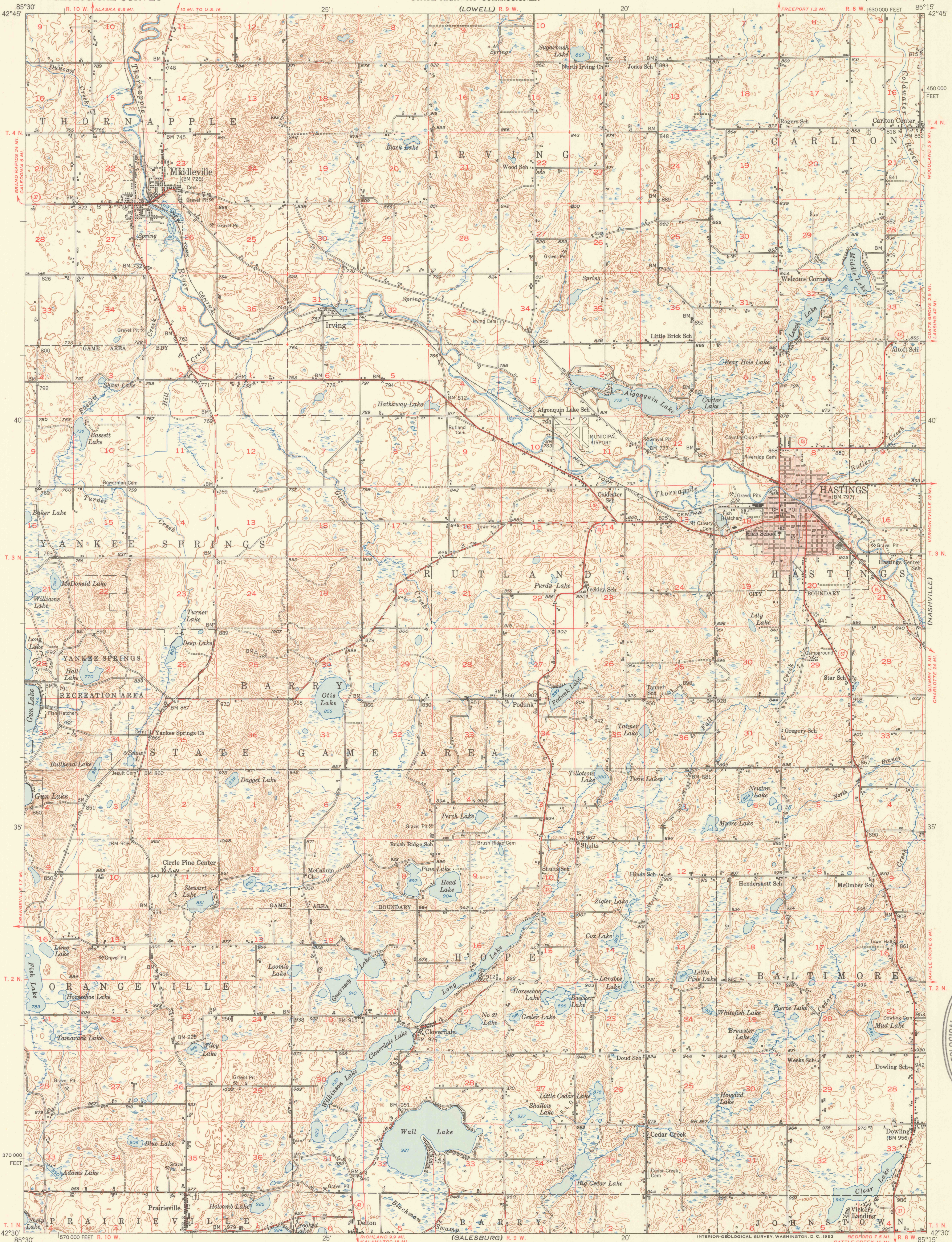
(GRAND RAPIDS)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MICHIGAN
STATE HIGHWAY DEPARTMENT
CHARLES M. ZIEGLER
STATE HIGHWAY COMMISSIONER

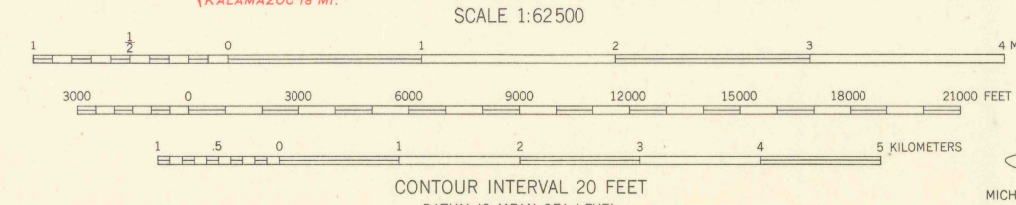
HASTINGS QUADRANGLE
MICHIGAN-BARRY CO.
15 MINUTE SERIES (TOPOGRAPHIC)

(OWA)

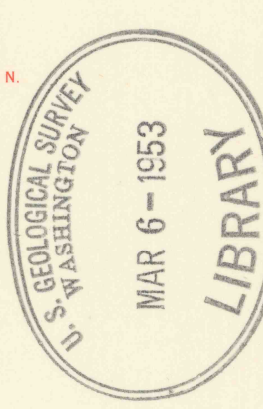


Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by Kelsh plotter
and by plane-table surveys 1950. Aerial photographs taken 1947
Field check 1951
Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system,
central zone
Red tint indicates areas in which only
landmark buildings are shown

APPROXIMATE MEAN
DECLINATION, 1951



ROAD CLASSIFICATION
Heavy-duty ——— 4 LANE 16 LANE Light-duty ———
Medium-duty ——— 4 LANE 16 LANE Unimproved dirt ———
U.S. Route ——— State Route ———
HASTINGS, MICH.
N4230-W8515/15
1951



(KALAMAZOO)

(BATTLE CREEK)