

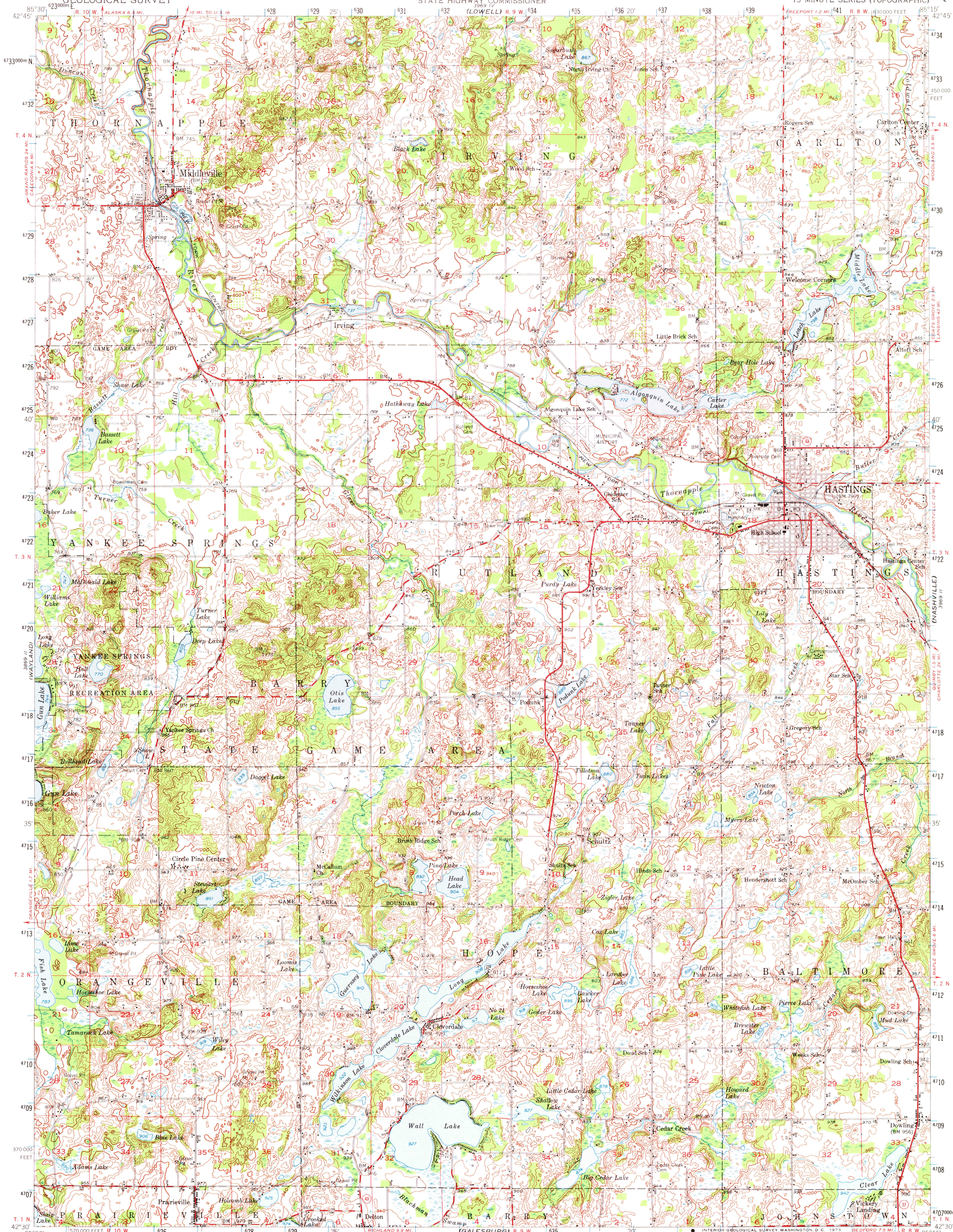
3869 16
1:24 000
(CALEDOONIA)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MICHIGAN
STATE HIGHWAY DEPARTMENT
CHARLES M. ZIEGLER
STATE HIGHWAY COMMISSIONER
(LOWELL) R. 9 W. 634

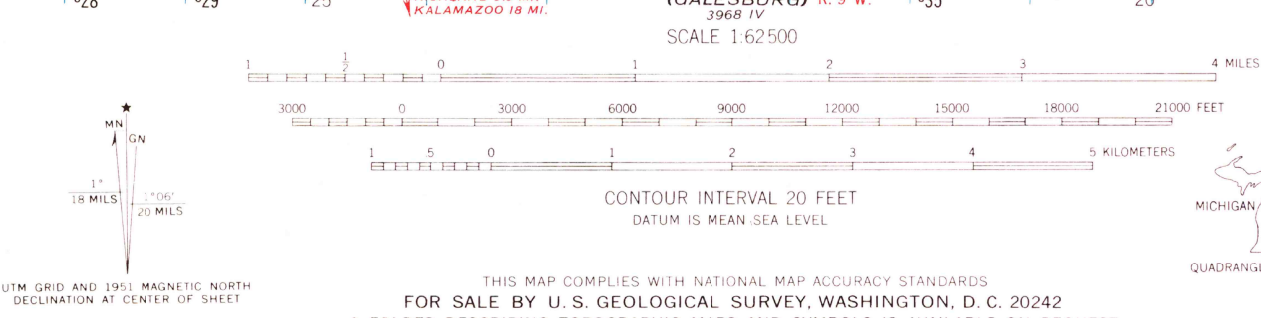
HASTINGS QUADRANGLE
MICHIGAN-BARRY CO.
15 MINUTE SERIES (TOPOGRAPHIC)

3869 16
1:24 000
(LOWELL)



3869 16
1:24 000
(KALAMAZOO NE)

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
1000-meter Universal Transverse Mercator grid ticks,
zone 16, shown in blue
Red tint indicates areas in which only
landmark buildings are shown



ROAD CLASSIFICATION
Heavy-duty ——— 4 LANE (6 LANE) Light-duty ———
Medium-duty ——— 4 LANE (6 LANE) Unimproved dirt ———
U. S. Route ——— State Route ———

HASTINGS, MICH.
N4230-W8515/15
1951
AMS 3969 III—SERIES V762

3869 16
1:24 000
(BATTLE CREEK)

USGS
Historical File
Topographic Division

NOV 20 1973

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