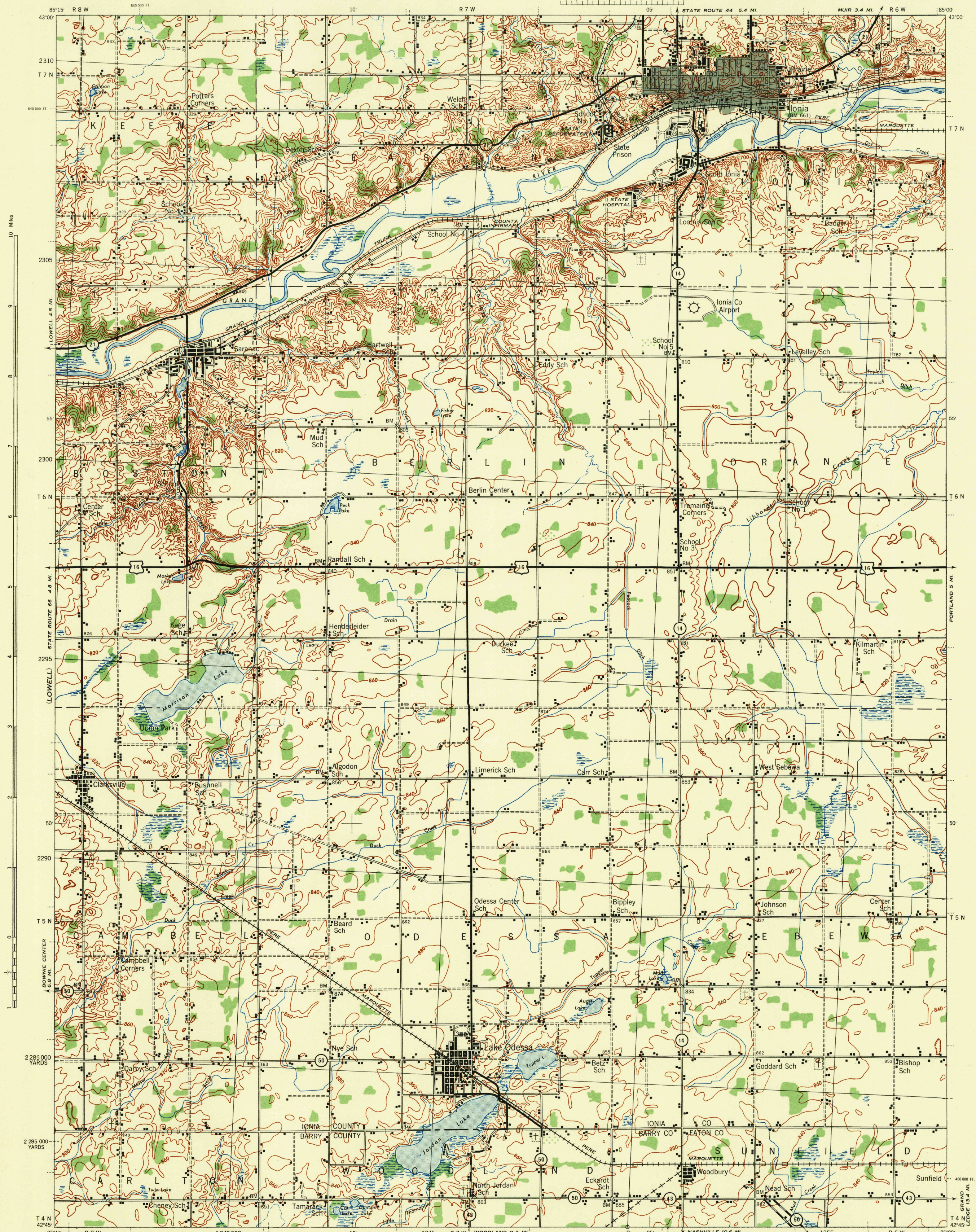




First Edition 1943.
Prepared under the direction of the Chief of Engineers, U. S. Army, by the
Army Map Service, Quincy unit, 1943.
Based on U. S. G. S. quadrangle, Ionia, 1:62,500 (1918).
Control by U. S. Geological Survey.
Surveyed in cooperation with the State of Michigan, 1916.
Revised from single lens vertical aerial photographs
Aerial photography: A. A. Department of Agriculture, 1938.
Polyconic Projection, North American Datum.

ROAD CLASSIFICATION 1943
Dependable hard surface, heavy duty road. Loose surface graded, dry weather road. U. S. Route 160
Secondary, hard surface, all-weather road. Dirt road. State Route 90
More than two lanes indicated by note along road with tick at point of change. 3 LANE 1 4 LANE

Scale 1:62,500
FIVE THOUSAND YARD GRID COMPUTED FROM "GRID SYSTEM FOR PROGRESSIVE MAPS" IN THE U. S. ZONE C. U. S. G. S. SPECIAL PUBLICATION NO. 59. THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED.
THE OVERLAPPING GRID ZONE B IS INDICATED BY SHORT BROKEN TICKS CROSSING THE NEAT LINE.
MICHIGAN STATE GRID ZONE CENTRAL IS INDICATED BY DOTTED TICKS OUTSIDE THE NEAT LINE AT 1000 FOOT INTERVALS.
NOTE: OFFICIALS USING THIS MAP WILL HAVE ADVANCE CORRELATION DATA AND INFORMATION FROM COME TO THEIR ATTENTION AND MAIL DIRECT TO THE CHIEF OF ENGINEERS, WASHINGTON, D. C.

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

GRID DEC AT THE CENTER OF THE SHEET FOR ZONE "B" 2°48' W OR 55°12' N

Use diagram only to obtain numerical values.
To determine magnetic north line, connect the point "N" on the north edge of the map with the value of the angle between GRID NORTH and MAGNETIC NORTH, as plotted on the degree scale at the north edge of the map.

USGS

Historical File
Topographic Division

IONIA, MICH.
N4245-W8500/15

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Inspection and Editing.