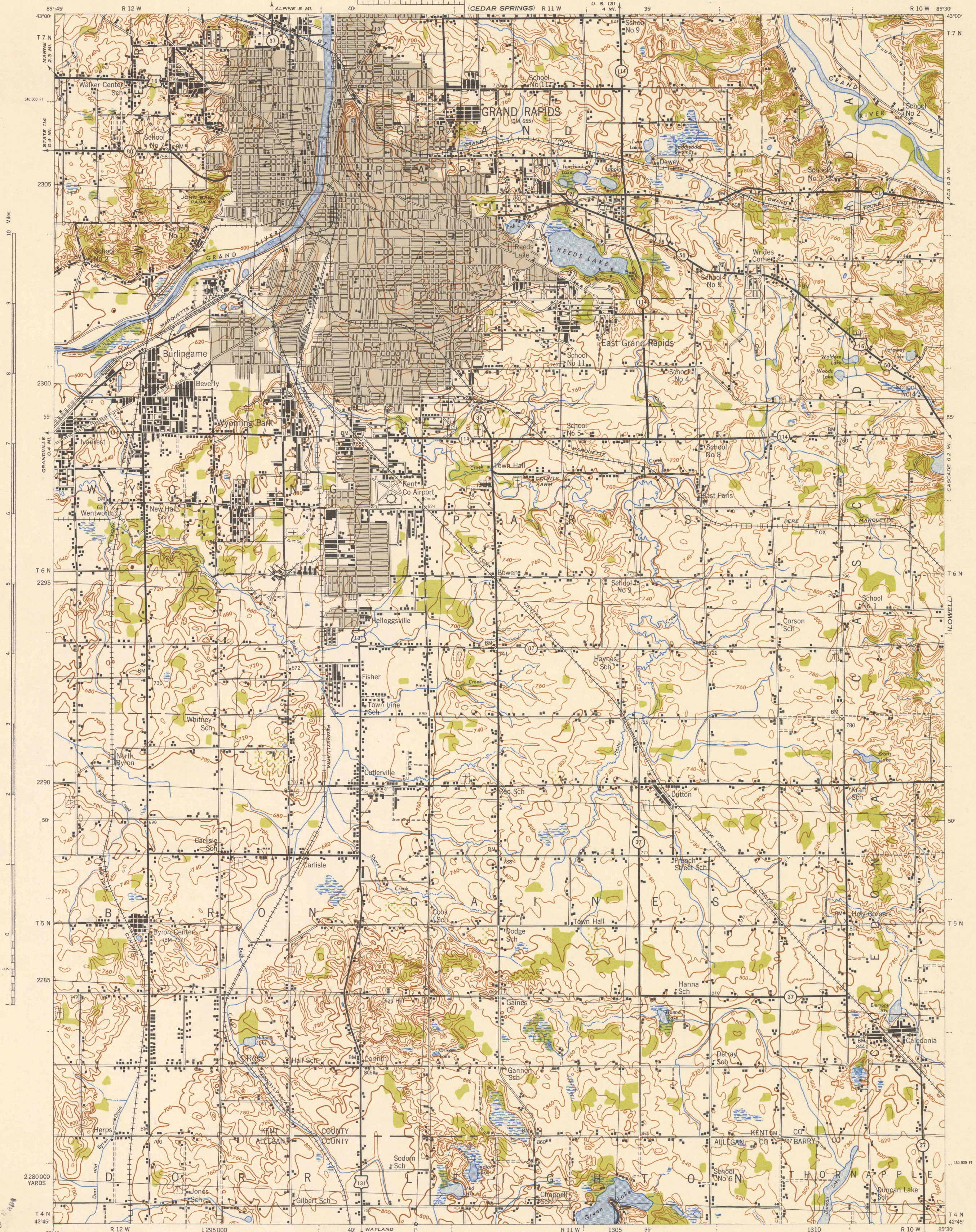


MICHIGAN 1:62,500

WAR DEPARTMENT
CORPS OF ENGINEERS, U. S. ARMY

FIRST EDITION-AMS 1

GRAND RAPIDS QUADRANGLE
15 MINUTE SERIES



First Edition 1943
Prepared under the direction of the Chief of Engineers, U. S. Army, 1943.
Army Map Service, Quincy unit.
Based on U. S. G. S. quadrangle, Grand Rapids, 1:62,500 (1914)
Control by U. S. Geological Survey
Surveyed in cooperation with the State of Michigan, 1911-1912
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, all-weather road. U. S. Route
Secondary, hard-surface, all-weather road. State Road
More than two lanes indicated by note along road with tick at point of change. 3 LANE 4 LANE

Scale 1:62,500
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
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
MICHIGAN STATE GRID ZONE CENTRAL, IS INDICATED BY DOTTED TICKS
OUTSIDE THE NEAT LINE AT 1000 FOOT INTERVALS
NOTE: OFFICERS USING THIS MAP WILL WANT HEREIN CORRECTIONS AND ADDITIONS WHICH DUE TO THEIR ATTENTION AND MAIL DIRECT TO THE CHIEF OF ENGINEERS, WASHINGTON, D. C.

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

GRAND RAPIDS, MICH.
N4245-W8530/15

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