



UNION CITY

First Edition, 1943.
Prepared under the direction of the Chief of Engineers, U. S. Army, 1943.
Army Map Service, Pittsburgh and Kansas City units, 1942.
Work Projects Administration Project, O. P. 165-290-3.
Based on U. S. G. S. quadrangle, Marshall, 1:62,500 (1923).
Horizontal control by U. S. C. & G. S. and U. S. G. S.
Vertical control by U. S. Geological Survey.
Surveyed in cooperation with the State of Michigan, 1920-21.
Revised from single lens vertical aerial photographs.
Aerial photography, A. A. Department of Agriculture, 1938.
Polyconic Projection, North American Datum 1927.

Scale 1:62,500
0 1000 2000 3000 4000 5000 Yards
0 1 2 3 Miles

ROAD CLASSIFICATION 1943
Dependable hard surface: loss surface graded, U. S. Route
Newly laid road, dy weather road
Secondary hard surface, dirt road, State Road
All-weather road, dirt road, State Road
More than two lanes indicated by note along road with tick at point of change. 3 LANE 4 LANE

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 "B" U. S. C. & G. S. SPECIAL PUBLICATION NO. 59
THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED
THE OVERLAPPING GRID ZONE CENTRAL 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 10,000 FOOT INTERVALS

APPROXIMATE MEAN DECLINATION 1943
ANNUAL MAGNETIC CHANGE, DECREASE
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.



USGS
Historical File
Topographic Division
MARSHALL, MICH.
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