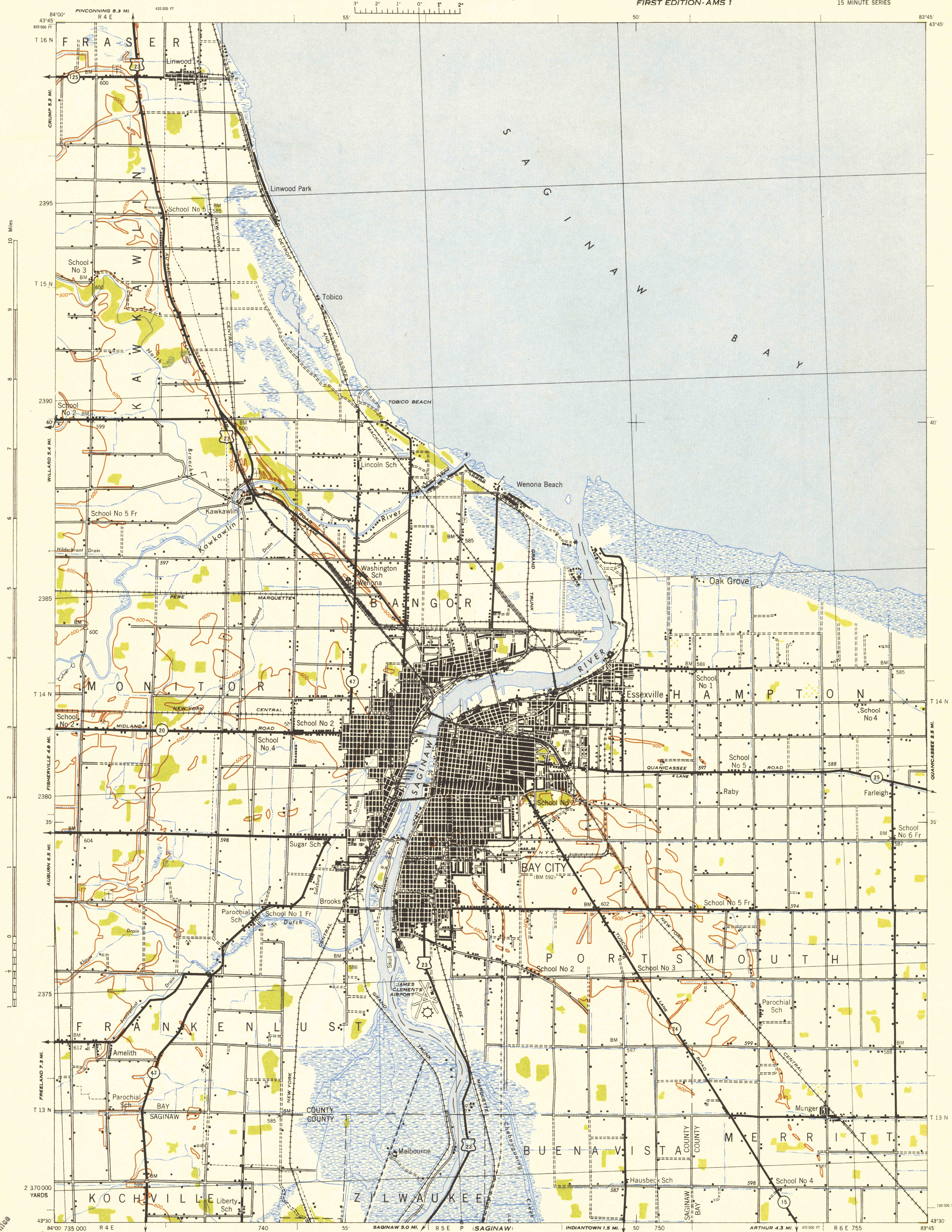




First Edition, 1943.  
Prepared under the direction of the Chief of Engineers, U. S. Army, 1943.  
Army Map Service, Pittsburgh and Kansas City units.  
Work Projects Administration Project, O. P. 165-200-3.  
Based on U. S. G. S. quadrangle, Bay City, 1:62,500 (1919).  
Horizontal control on U. S. G. S. and Corps of Engineers, U. S. Army.  
Vertical 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. A. Department of Agriculture, 1938.  
Polyconic Projection, North American Datum.

**ROAD CLASSIFICATION 1943**

|                                              |                                                                                     |                                           |                                                                                     |             |
|----------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------|-------------|
| Dependable hard-surface,<br>heavy-duty road  |  | Loose-surface graded,<br>dry weather road |  | U. S. Route |
| Secondary, hard-surface,<br>all weather road |  | Dirt road                                 |  | State Route |

More than two lanes indicated by note along road with tick at point of change.

 3 LANE | 4 LANE

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

MICHIGAN STATE GRID ZONE EAST IS INDICATED BY DOTTED TICKS  
OUTSIDE THE NEARLY 100,000 FOOT INTERVALS.

NOTE: OFFICERS USING THIS MAP WILL HAVE HEREON CORRECTIONS AND ADDITIONS WHICH COME  
TO THEIR ATTENTION AND MAIL REFERTO THE CHIEF OF ENGINEERS, WASHINGTON, D. C.

1900 0°  
1559 35 MILS  
19 MILS  
TRUE NORTH  
MAGNETIC NORTH

Use diagram only to obtain numerical value.  
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.

APPROXIMATE MEAN DECLINATION 1963  
ANNUAL MAGNETIC CHANGE 1° DECREASE

BAY CITY, MICHIGAN  
N4330-W8345/15