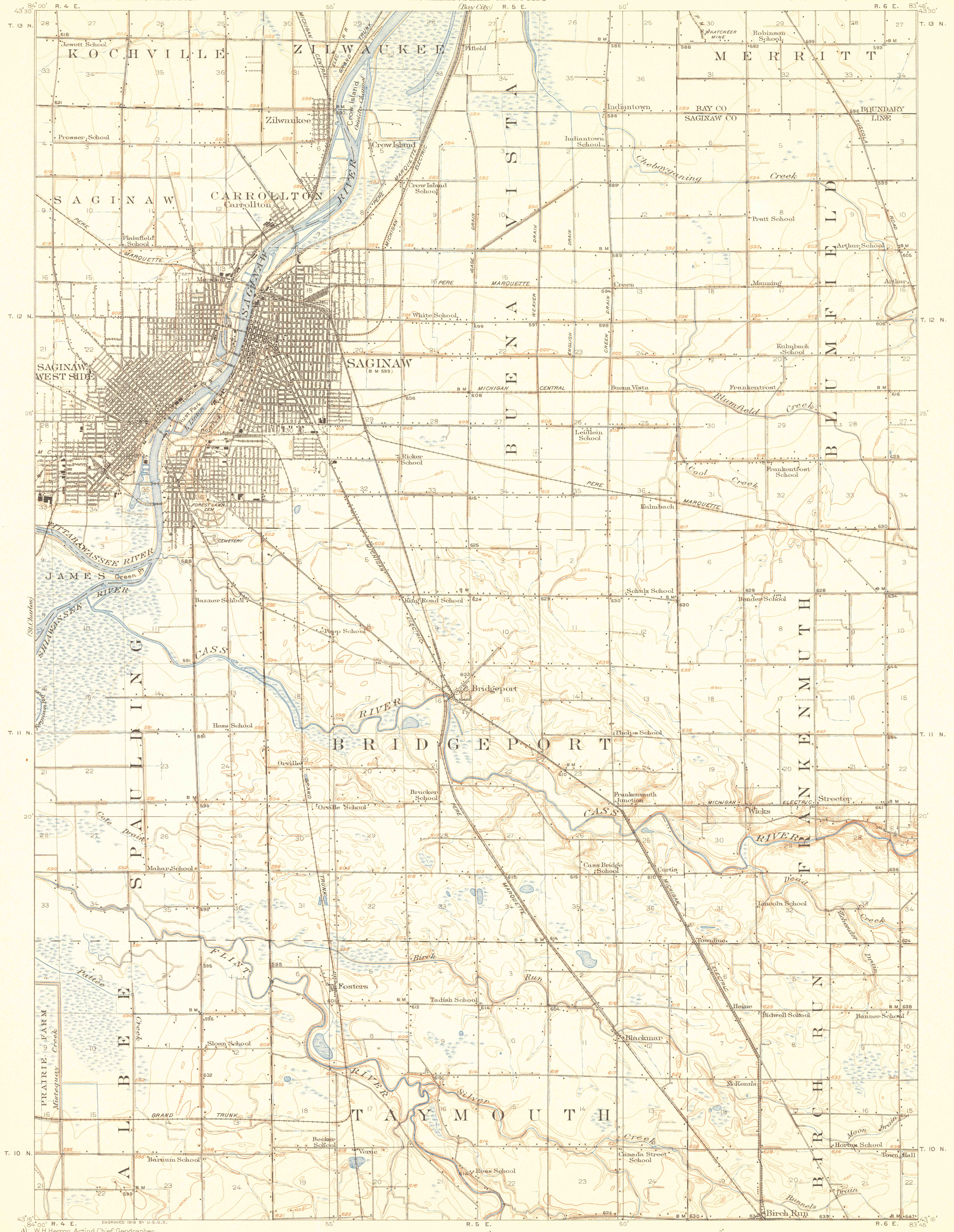


JUN 17 1919

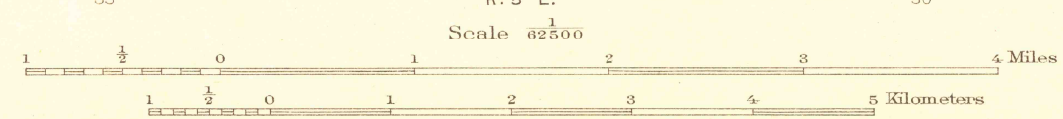
DEPARTMENT OF THE INTERIOR
FRANKLIN K. LANE, SECRETARY
U.S. GEOLOGICAL SURVEY
GEORGE OTIS SMITH, DIRECTOR

TOPOGRAPHY
STATE OF MICHIGAN
BOARD OF GEOLOGICAL SURVEY
R. C. ALLEN, STATE GEOLOGIST
(Boy City) R. 5 E.

MICHIGAN
SAGINAW QUADRANGLE
R. 6 E. 83° 45'



ENGRAVED 1916 BY U.S.G.S.
W.H. Hemon, Acting Chief Geographer.
Glenn S. Smith, Topographic Engineer in charge.
Topography by C.L. Sadler.
Control by Corps of Engineers, U.S. Army.
Oscar Jones, J.H. Wilson, H.S. Senseney, and E.C. Bibbee.
Surveyed in 1916.



Contour interval 5 feet.
Datum is mean sea level.

Edition of 1919.

APPROXIMATE MEAN
DECLINATION, 1916

SAGINAW Mich