TOPOGRAPHY

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

STATE OF ILLINOIS
DEPARTMENT OF REGISTRATION AND EDUCATION
FRANCIS W. SHEPARDSON, DIRECTOR
GEOLOGICAL SURVEY DIVISION, FRANK W. DE WOLF, CHIEF

ILLINOIS
NEW ATHENS QUADRANGLE

R. B. Marshall, Chief Geographer.
W. H. Herron, Geographer in charge.
Topography by J. F. McBeth and E. W. McCrary.
Control by J. R. Ellis, W. A. Gelbach, and Coast and Geodetic Survey.
Surveyed in 1908-1909.

SURVEYED IN COOPERATION WITH THE STATE OF ILLINOIS.

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION 1920

Scale $\frac{1}{62500}$

1 ½ 0 1 2 3 4 Miles

1 ½ 0 1 2 3 4 5 Kilometers

Contour interval 20 feet.
Datum is mean sea level.

Edition of Mar, 1912. reprinted 1921.

EXPLANATION

RELIEF
printed in brown

488 — Altitude *above mean sea level instrumentally determined*

500 — Contours *showing height above sea, horizontal form, and steepness of slope of the surface*

Depression contour

DRAINAGE
printed in blue

Streams

Intermittent streams

Lake or pond and reservoir

Intermittent lake

Marsh

CULTURE
printed in black

Roads and buildings

Private or secondary roads

Church or schoolhouse and cemetery

Railroad

Bridge

U.S. township and section line
(The symbol for State township line is used when the U.S. and State township lines coincide)

State township line

County line

City, village, or borough line

Land-grant line

Triangulation station

BM × 440 — Bench mark giving precise altitude