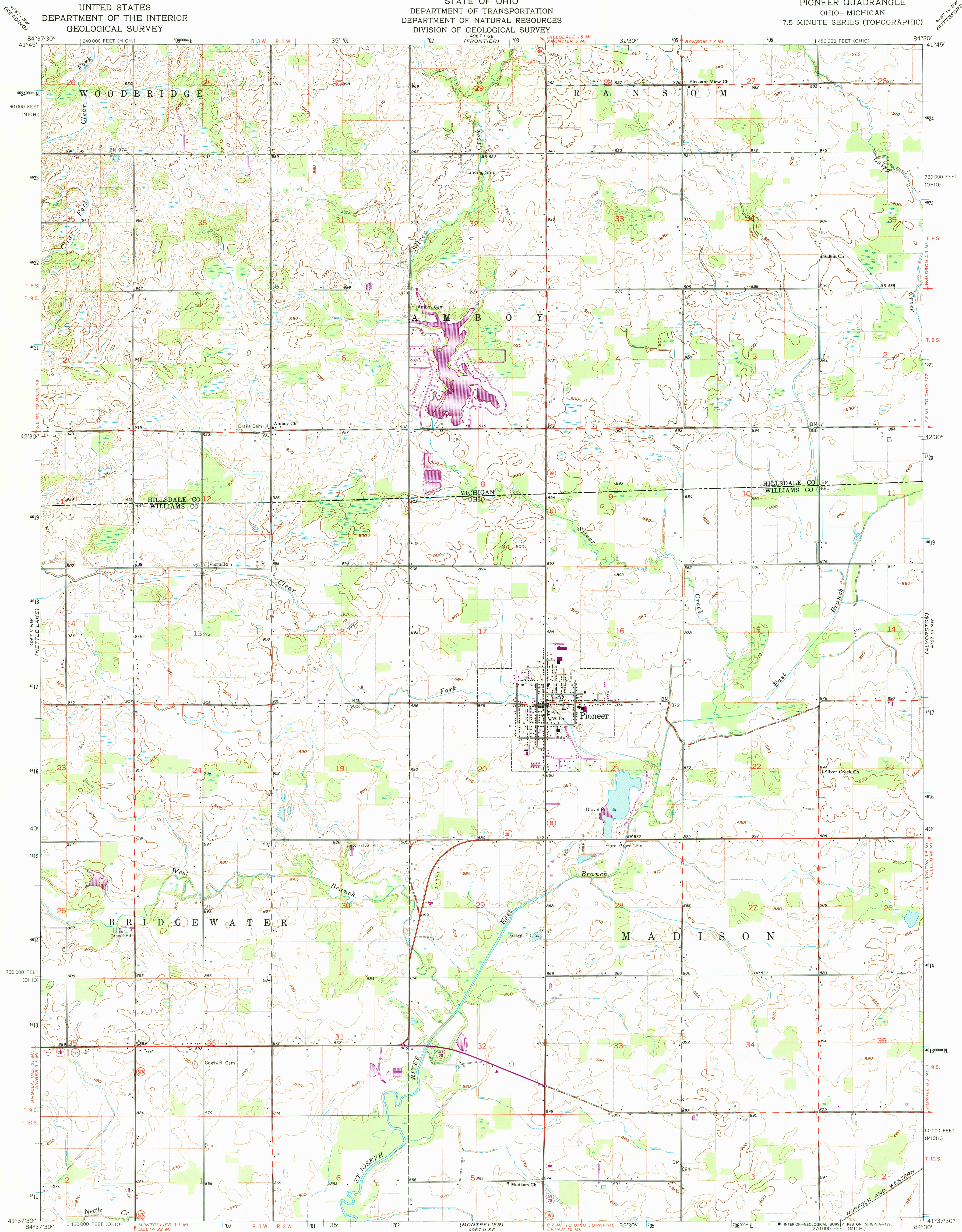


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL SURVEY

PIONEER QUADRANGLE
OHIO-MICHIGAN
7.5 MINUTE SERIES (TOPOGRAPHIC)



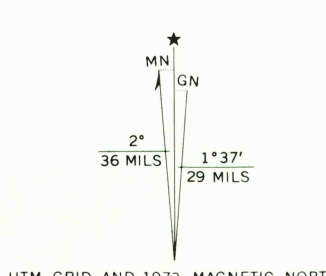
Maped, edited, and published by the Geological Survey
Control by USGS and USC&GS

Topography by photogrammetric methods from aerial
photographs taken 1959-60. Field checked 1961

Polyconic projection, 1927 North American datum
10,000-foot grid based on Ohio coordinate system, north zone
and Michigan coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks,
zone 16, shown in blue

Entire area lies within the Michigan Survey
Land lines based on the Michigan Meridian

Fine red dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked
Map photorevised 1977
No major culture or drainage changes observed



(MONTPELIER)
4067 11 SE
SCALE 1:24,000
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL



ROAD CLASSIFICATION
Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———
U.S. Route ——— State Route ———

PIONEER, OHIO-MICH.

N4137.5-W8430/7.5
PHOTOINSPECTED 1977
1961

PHOTOREVISED 1973
AMS 4067 11 NE-SERIES V852

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple compiled in cooperation with
State of Ohio agencies from aerial photographs taken
1973. This information not field checked

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JUL 2 1981
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