UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NEW MIDDLETOWN QUADRANGLE
OHIO—PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 COLUMBIANA 15' QUADRANGLE

4866 II SW (YOUNGSTOWN)
4866 III SW (EDINBURG)
4865 I NW (COLUMBIANA)
4865 I SW (ELKTON)
4865 I NE (NEW GALILEE)
4865 I SE (CAMPBELL)
4965 IV NW (BESSEMER)

80°37'30" 41°00' 532 R. 2 W. R. 1 W. 1 210 000 FEET (PA.) 534000m E. 35' 536 537 538 32'30" 539 540 R. 1 W. 2 550 000 FEET (OHIO) 80°30' 41°00'

POLAND (OHIO 170) 1.4 MI.
YOUNGSTOWN (U.S. 62) 8 MI.
POLAND 2.1 MI.
1.9 MI. TO U.S. 224

4538000m N. T. 1 N. T. 9 N. 4537 4536 610 000 FEET (PA.) 4535 57'30" 4534 4533 4532 4531 4530 55' 4529 4528 T. 9 N. T. 8 N. 4527 450 000 FEET (OHIO) 4526 4525 40°52'30"

490 000 FEET (OHIO)
580 000 FEET (PA.)
4525000m N.

16 MI. TO INTERCHANGE 15
2.3 MI. TO INTERCHANGE 16
COLUMBIANA 8 MI.
0.5 MI. TO OHIO 164
GREENFORD 9 MI.
NORTH LIMA 1.3 MI.
SALEM (U.S. 62) 13 MI.
COLUMBIANA 9.7 MI.
MOUNT JACKSON 4.2 MI.
NEW CASTLE 11 MI.
2 MI. TO PA. 551
NEW GALILEE 7 MI.
12 MI. TO INTERCHANGE 2
27 MI. TO U.S. 19
BESSEMER 0.3 MI.
NEW CASTLE 9 MI.

80°37'30" 532 2 520 000 FEET (OHIO) 533 534 UNITY 1.9 MI. ROCHESTER, PA. 21 MI. 535 35' 536 UNITY 0.8 MI. EAST PALESTINE 3.3 MI. (EAST PALESTINE) UNITY 0.8 MI. EAST PALESTINE 3.3 MI. 32'30" 539 1 230 000 FEET (PA.) 540 R. 1 W. 541 542000m E. 80°30' 40°52'30"

P O L A N D
S P R I N G F I E L D
U N I T Y
M A H O N I N G
N O R T H B E A V E R
L I T T L E B E A V E R

Kansas Corners
Smith Corners
Ginger Hill
New Middletown
New Springfield (BM 1211)
Petersburg
Hickory
Honey Run
Harman Run
Little Beaver Creek
Boardman Creek
Yellow Creek
Evans Lake
Beaver Lake
Bethel Cem
Zion Cem
Schroy Cem
New Springfield Cem
Koch Dem
Old Springfield Ch
St Lukes Ch
St Johns Cem
Township High Sch
Trailer Park
Easterly A
Service Facilities
Sewage Disposal
Tollgate
Drive-in Theater
Radio Towers
Landing Strip
Strip Mine
STRIP MINE
MINES
Pipeline
Beechwoods Rd
Mc Curley Rd
Wallace Road
Orchard Dr
Pine Lake
Spillway Elev 1071

MAHONING CO
COLUMBIANA CO
LAWRENCE CO
PENNSYLVANIA
OHIO

Mapped, edited, and published by the Geological Survey
in cooperation with County of Mahoning
Revised in cooperation with State of Ohio agencies

Control by USGS, USC&GS, and County of Mahoning

Topography by photogrammetric methods from aerial photographs taken 1950. Field checked 1951. Revised by photogrammetric methods from aerial photographs taken 1962. Field checked 1963

Polyconic projection. 1927 North American datum
10,000-foot grids based on Ohio coordinate system, north zone and Pennsylvania coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

Land lines within the Connecticut Western Reserve established by private subdivision. Land lines within Congress Lands North of the Old Seven Ranges based on the Ohio River Base

MN GN 4½° 80 MILS 0°17' 5 MILS
UTM GRID AND 1963 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS
Historical File
Topographic Division

OHIO
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
Interstate Route — State Route

JUL 28 1964
3065

NEW MIDDLETOWN, OHIO—PA.
NE/4 COLUMBIANA 15' QUADRANGLE
N4052.5—W8030/7.5

1963

AMS 4865 I NE—SERIES V852

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1964