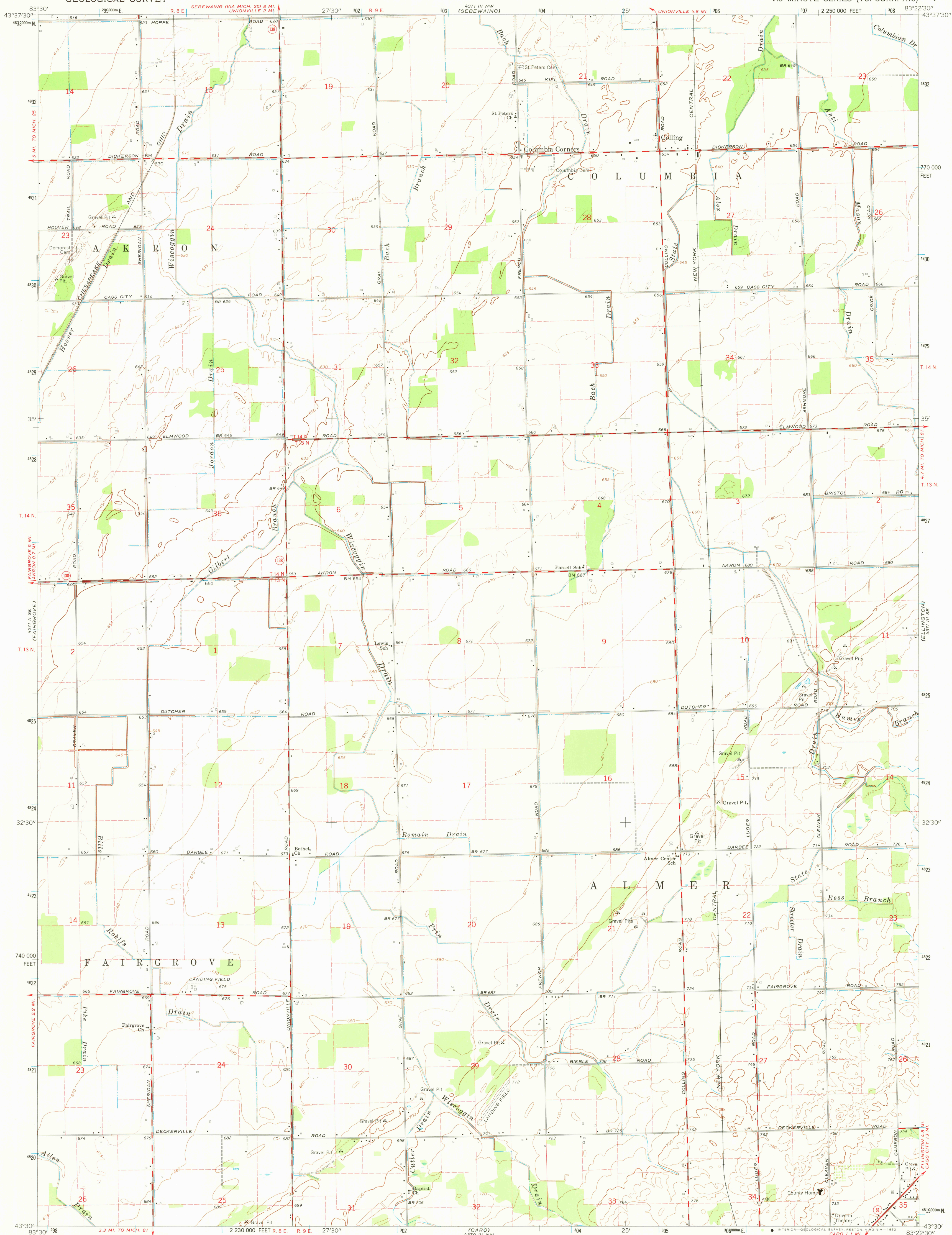


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COLLING QUADRANGLE
MICHIGAN-TUSCOLA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



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

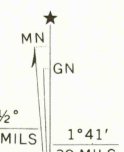
Topography by photogrammetric methods from aerial
photographs taken 1959 and planimetric surveys 1963

Polyconic projection. 1927 North American Datum.
10,000-foot grid based on Michigan coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue

To place on the predicted North American Datum 1983
move the projection lines 1 meter north and
6 meters west as shown by dashed corner ticks

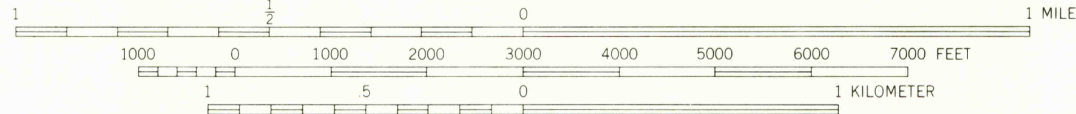
Fine dashed lines indicate selected fence and field lines where
generally visible on aerial photographs. This information is unchecked

Map photoinspected 1978
No major culture or drainage changes observed



UTM GRID AND 1963 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24,000



CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
AND BY THE GEOLOGICAL SURVEY DIVISION
MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

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

COLLING, MICH.
N4330—W8322.5/7.5

1963
PHOTOINSPECTED 1978
AMS 4371 III SW—SERIES V852

AUG 03 1982