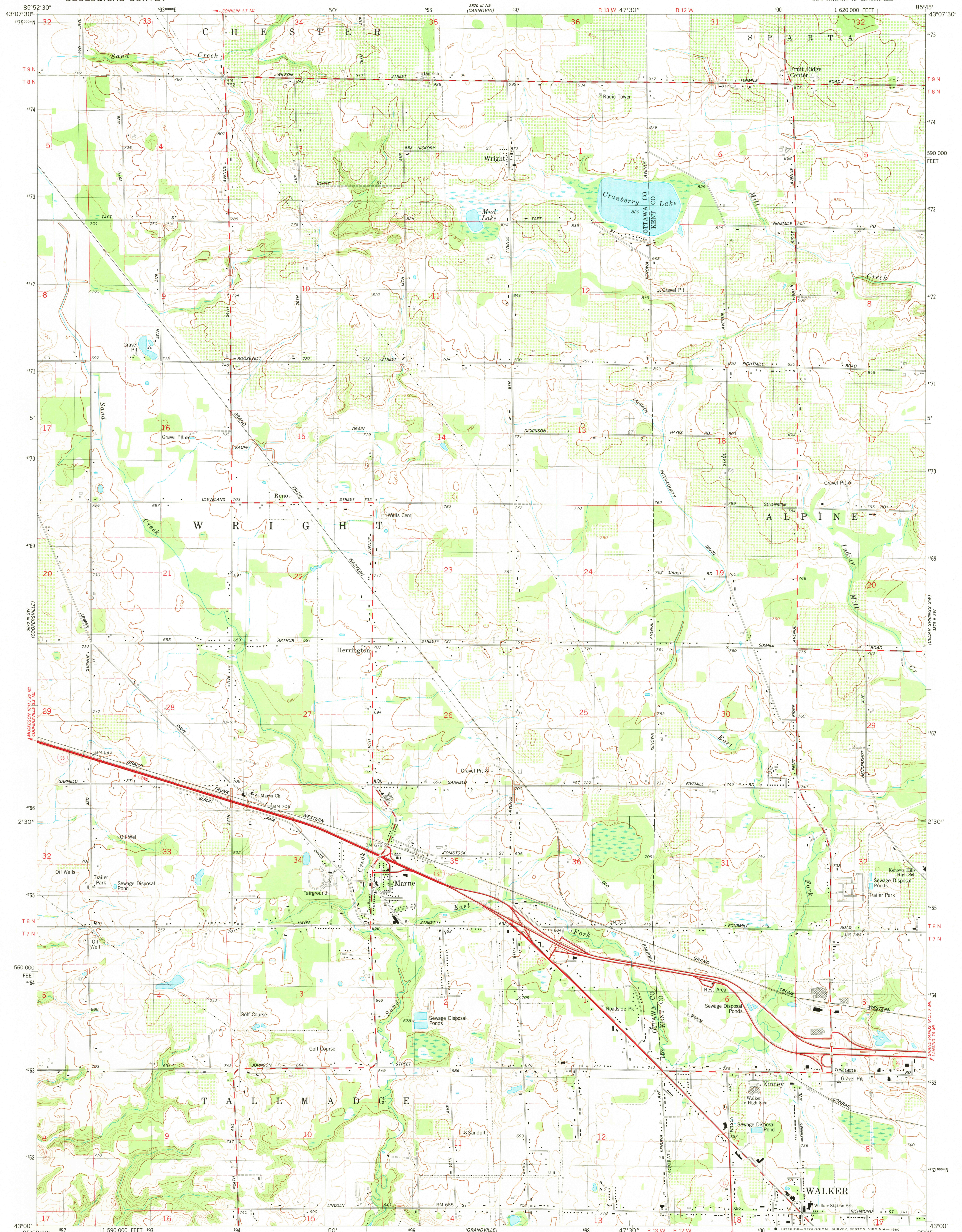


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MARNE QUADRANGLE
MICHIGAN
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE 4 RAVENNA 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs

taken 1973. Field checked 1975. Map edited 1980

Projection and 10,000-foot grid ticks: Michigan coordinate

system, south zone (Lambert conformal conic)

1000-meter Universal Transverse Mercator grid, zone 16

1927 North American Datum

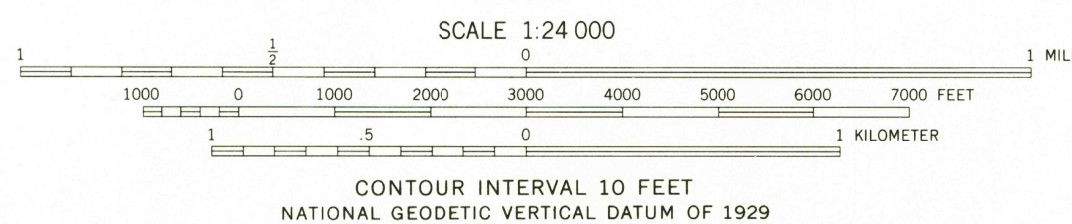
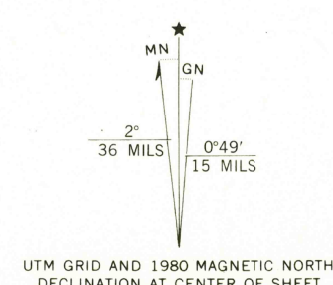
To place on the predicted North American Datum 1983

move the projection lines 1 meter north and

2 meters east as shown by dashed corner ticks

Fine red dashed lines indicate selected fence and field lines where

generally visible on aerial photographs. This information is unchecked



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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MICHIGAN DEPARTMENT OF NATURAL RESOURCES, LANSING, MICHIGAN 48909
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Unimproved road
Interstate Route
U. S. Route
State Route

USGS
Historical File
Topographic Division

MARNE, MICH.
SE 4 RAVENNA 15' QUADRANGLE
N4300-W8545/7.5
1980

DMA 3870 III SE-SERIES V882