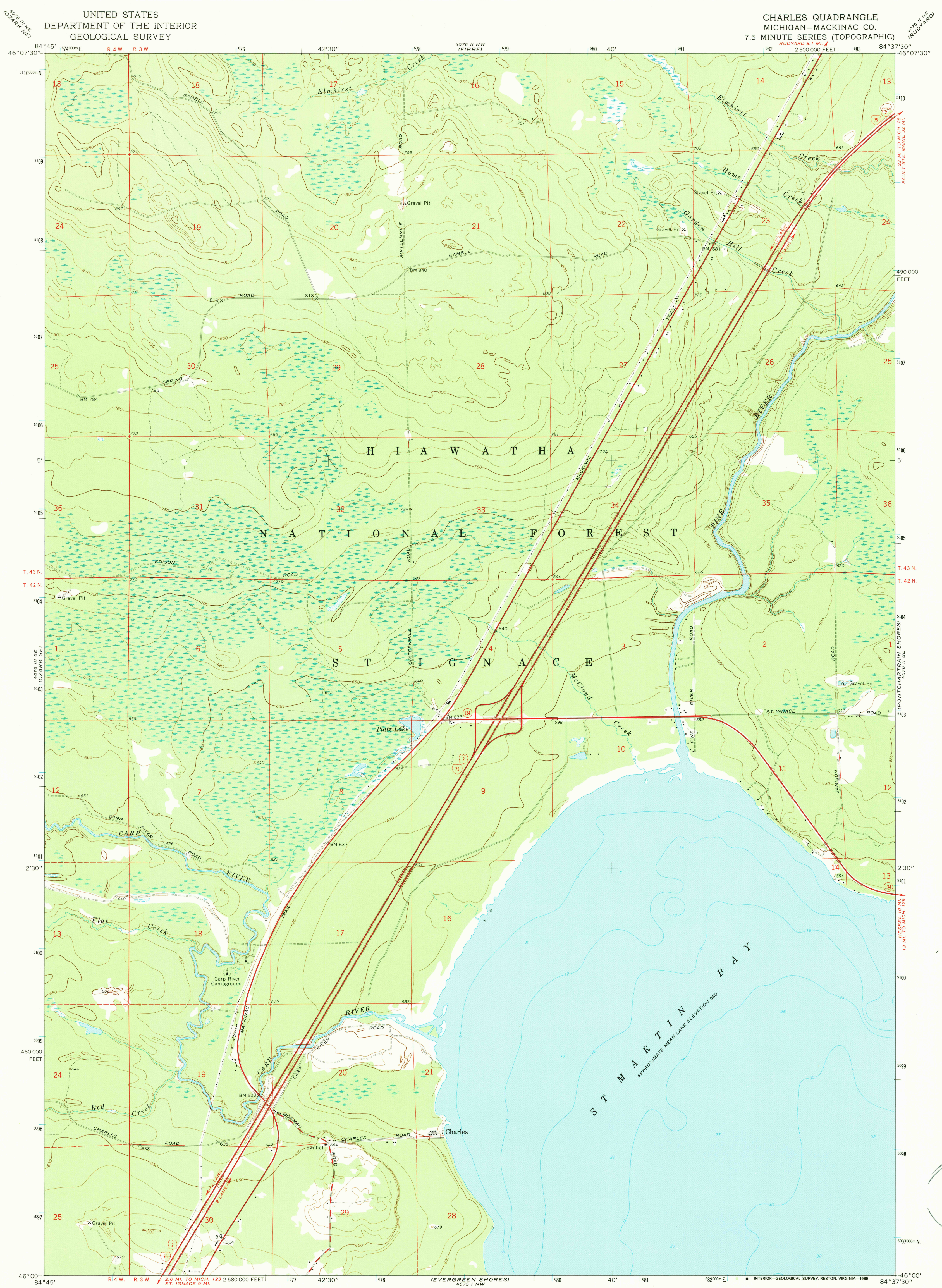




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CHARLES QUADRANGLE
MICHIGAN-MACKINAC CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

Maped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and U. S. Lake Survey
Topography by photogrammetric methods from aerial
photographs taken 1954-56 and 1964. Field checked 1964
Selected hydrographic data compiled from U. S. Lake Survey
Chart 60 (1961). This information is not intended for
navigational purposes
Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks,
zone 16, shown in blue
To place on the predicted North American Datum 1983
move the projection lines 3 meters north and
3 meters east as shown by dashed corner ticks
Map photoinspected 1976
No major culture or drainage changes observed

SCALE 1:24,000
CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET-DATUM IS LOW WATER 578.5 FEET

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

CHARLES, MICH.
46084-A6-TF-024
1964
PHOTOINSPECTED 1976
DMA 4076 II SW-SERIES V862