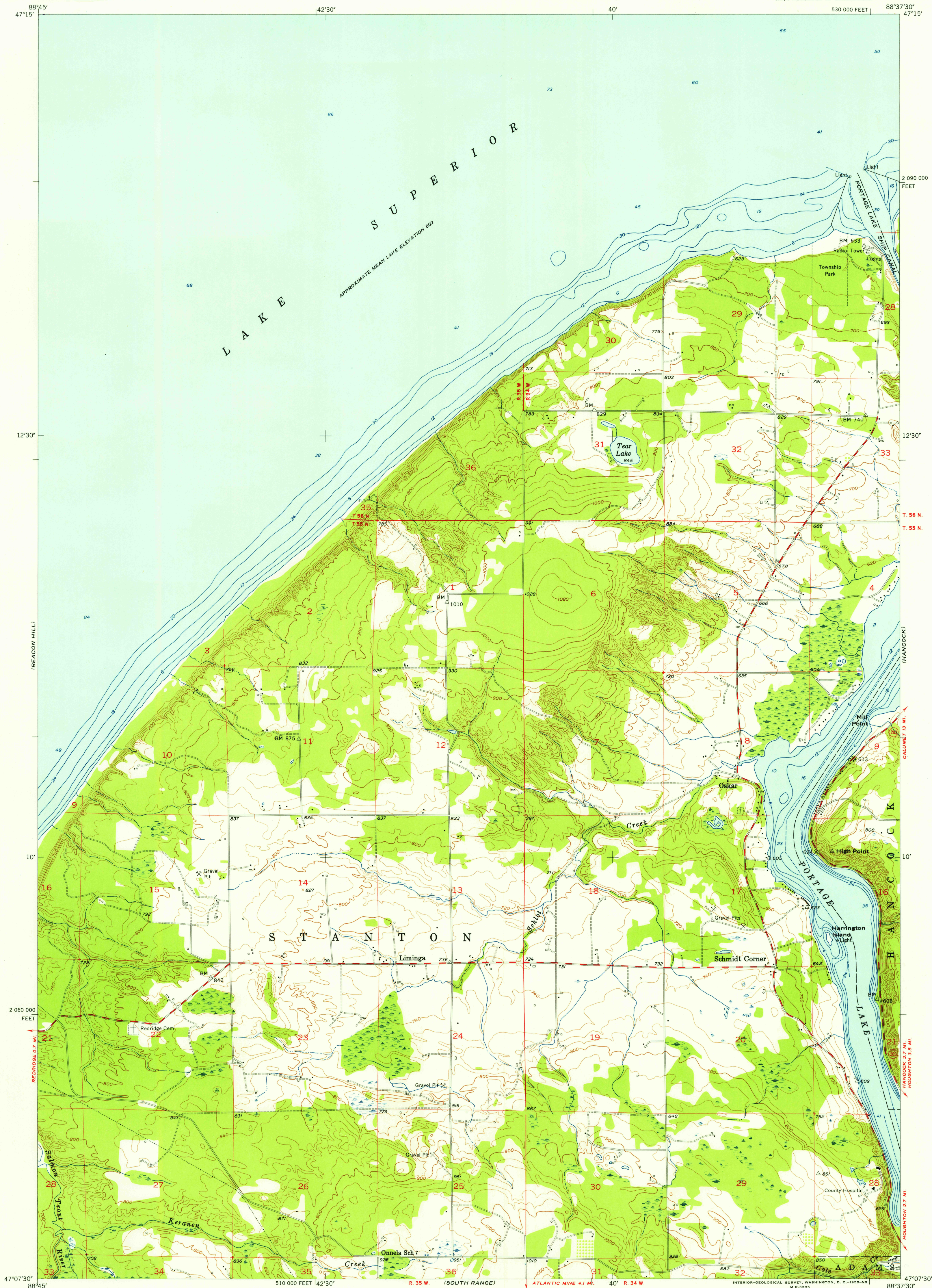




Mapped, edited, and published by the Geological Survey
Control by USGS, USC&GS, and USCE
Topography from aerial photographs by Kelsh plotter
Aerial photographs taken 1951. Field check 1954
Hydrography from U.S. Lake Survey Charts 944 (1:30 000)
and 94 (1:120 000)
Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system,
west zone

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1954

SCALE 1:24 000
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS 601 FEET

USGS
Historical File
Topographic Division
MICHIGAN
QUADRANGLE LOCATION

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

OSKAR, MICH.
NW/4 HOUGHTON 15' QUADRANGLE
N4707.5—W8837.5/7.5

1954