

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MICHIGAN
STATE HIGHWAY DEPARTMENT
CHARLES M. ZIEGLER
STATE HIGHWAY COMMISSIONER

ESTRAL BEACH QUADRANGLE
MICHIGAN-MONROE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
Culture and drainage in part compiled from aerial photographs
Topography by plane-table surveys 1940. Culture revised 1952
Hydrography from U.S. Lake Survey Chart 37 (1:80,000)
Polyconic projection. 1927 North American datum
10,000-foot grid based on Michigan coordinate system,
east zone

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1952

SCALE 1:24000
1 1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER
CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM 570 FEET

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



ROAD CLASSIFICATION
Heavy-duty 4 LANE 16 LANE Light-duty
Medium-duty 4 LANE 16 LANE Unimproved dirt
U. S. Route State Route

ESTRAL BEACH, MICH.
N4152.5—W8307.5/7.5
1952

