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Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial  
photographs taken 1961. Field checked 1962  
Polyconic projection. Old Hawaiian datum  
10,000-foot grid based on Hawaiian coordinate system, zone 1  
1000-metre Universal Transverse Mercator grid ticks,  
zone 5, shown, in blue

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION, 1962



SCALE 1:24 000  
CONTOUR INTERVAL 40 FEET  
DOTTED LINES REPRESENT 20-FOOT CONTOURS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE MEAN RANGE OF TIDE IS APPROXIMATELY 1 FOOT

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



USGS  
HISTORICAL FILE  
TOPOGRAPHIC DIVISION

MANUKA BAY, HAWAII DEC 1 1 1975  
SW/4 HOOPULOA 15' QUADRANGLE  
N1900—W15552 5/7.5

1962

ROAD CLASSIFICATION  
Trails