



Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Culture and drainage in part compiled from aerial photographs  
taken 1947. Topography by planetable surveys 1948. Revised 1960  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Indiana coordinate system, east zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 16, shown in blue  
Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked  
Red tint indicates area in which only landmark buildings are shown

UTM GRID AND 1960 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

SCALE 1:24 000  
CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092  
AND INDIANA DEPARTMENT OF NATURAL RESOURCES, INDIANAPOLIS, INDIANA 46204  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ROAD CLASSIFICATION  
Heavy-duty ——— Light-duty ———  
Medium-duty ——— Unimproved dirt ———  
○ State Route

NEW CASTLE EAST, IND.  
N3952.5 — W8515.7.5

1960

AMS 3963 IV SE—SERIES V851

AUG 15 1977