



Mapped, edited, and published by the Geological Survey  
Control by USGS, USC&GS, and Kansas Geological Survey  
Topography from aerial photographs by multiplex methods  
and by plane-table surveys 1951. Aerial photographs taken 1948  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Kansas coordinate system,  
north zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 15, shown in blue

UTM GRID AND 1951 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

SCALE 1:24,000

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 KILOMETER

CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL

USGS  
Historical File  
Topographic Division

ROAD CLASSIFICATION

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

U.S.G.S.  
FINE COPY  
TOPOGRAPHIC DIVISION

DE SOTO, KAN.  
N3852.5-W9452.5/7.5  
1951  
AMS 7061 IV NW-SERIES V878

1720  
APR 7 1967