



Maped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by Kelsh plotter  
and by plane-table surveys 1952. Aerial photographs taken 1948  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Kansas coordinate system,  
north zone  
Dotted land lines, by Bureau of Indian Affairs,  
indicate approximate locations  
1000-meter Universal Transverse Mercator grid ticks,  
zone 15, shown in blue  
Revisions shown in purple compiled in cooperation  
with State of Kansas agencies from aerial  
photographs taken 1972. This information not  
field checked

UTM GRID AND 1972 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET  
1:51' 33" MILS  
8" 142 MILS  
To place on the predicted North American Datum 1983, FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
AND KANSAS GEOLOGICAL SURVEY, LAWRENCE, KANSAS 66044  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
AND KANSAS GEOLOGICAL SURVEY, LAWRENCE, KANSAS 66044  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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

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

WILLARD, KANS.  
39095-A8-TF-024  
1952  
PHOTOREVISED 1972  
DMA 6882 III SW-SERIES V878