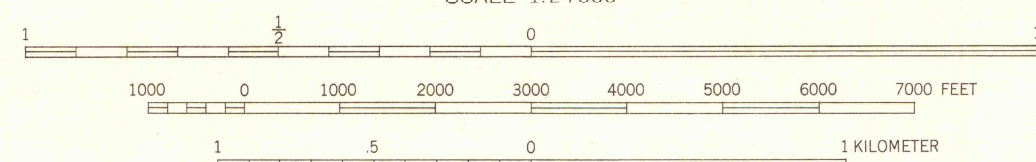


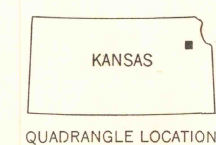


Mapped, edited, and published by the Geological Survey  
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Topography from aerial photographs by Kelsch plotter  
Aerial photographs taken 1948. Field check 1952  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Kansas coordinate system,  
north zone  
Dotted land lines by Bureau of Indian Affairs  
indicate approximate locations

TRUE NORTH  
MAGNETIC NORTH  
APPROXIMATE MEAN  
DECLINATION, 1952



ROAD CLASSIFICATION  
Heavy-duty 4 LANE 6 LANE Light-duty  
Medium-duty 4 LANE 6 LANE Unimproved dirt  
U. S. Route Slate Route



GROVE, KANS.  
N 3907.5—W 9545/7.5

1952

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