OTTUMWA NORTH QUADRANGLE UNITED STATES IOWA-WAPELLO CO. DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY SW/4 OTTUMWA NORTH 15' QUADRANGLE OSKALOOSA 21 MI. FREMONT 6.8 MI. 2 300 000 FEET 92°30′ 92°22′30″ 543000m.E. 27'30" KIRKVILLE 3,3 MI. (OTTUMWA NORTH 1:62500) R. 14 W. 25' 41°07′30″ 41°07′30″ 13 15 Elm Grove Sch 1-835 4552000m.N Sewage Disposal 19 N OTTUMWA MUNICIPAL AIRPORT 838 Drive-in Theater 26 ₈₃₅ 30 White Sch 27 400 000 36 T. 73 N. Racetrack T. 72 N. T. 72 N. 2'30" Elm Grove Sch No 3 2 Turkey Island \mathbf{E} Blackhawk Sch Oil Tanks 4539000m.N. MOINES 41°00′ INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C.-1958-NS 92°22′30″ (OTTUMWA SOUTH) R. 14 W. 25' BLOOMFIELD 18 MI. KIRKSVILLE 62 MI. 92°30′ Mapped, edited, and published by the Geological Survey SCALE 1:24000 ROAD CLASSIFICATION Control by USGS and USC&GS USGS Topography from aerial photographs by photogrammetric methods and in part by City of Ottumwa. Aerial photographs taken 1955 Historical File 4000 6000 Field check 1956 State Route Polyconic projection. 1927 North American datum 10,000-foot grid based on lowa coordinate system, south zone 1000-meter Universal Transverse Mercator grid ticks, CONTOUR INTERVAL 10 FEET DATUM IS MEAN SEA LEVEL OTTUMWA NORTH, IOWA zone 15, shown in blue SW/4 OTTUMWA NORTH 15' QUADRANGLE Red tint indicates areas in which only QUADRANGLE LOCATION N4100-W9222.5/7.5 landmark buildings are shown APPROXIMATE MEAN THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS DECLINATION, 1956 FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 2, COLORADO OR WASHINGTON 25, D. C. 1956 AND BY THE IOWA GEOLOGICAL SURVEY, IOWA CITY, IOWA A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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