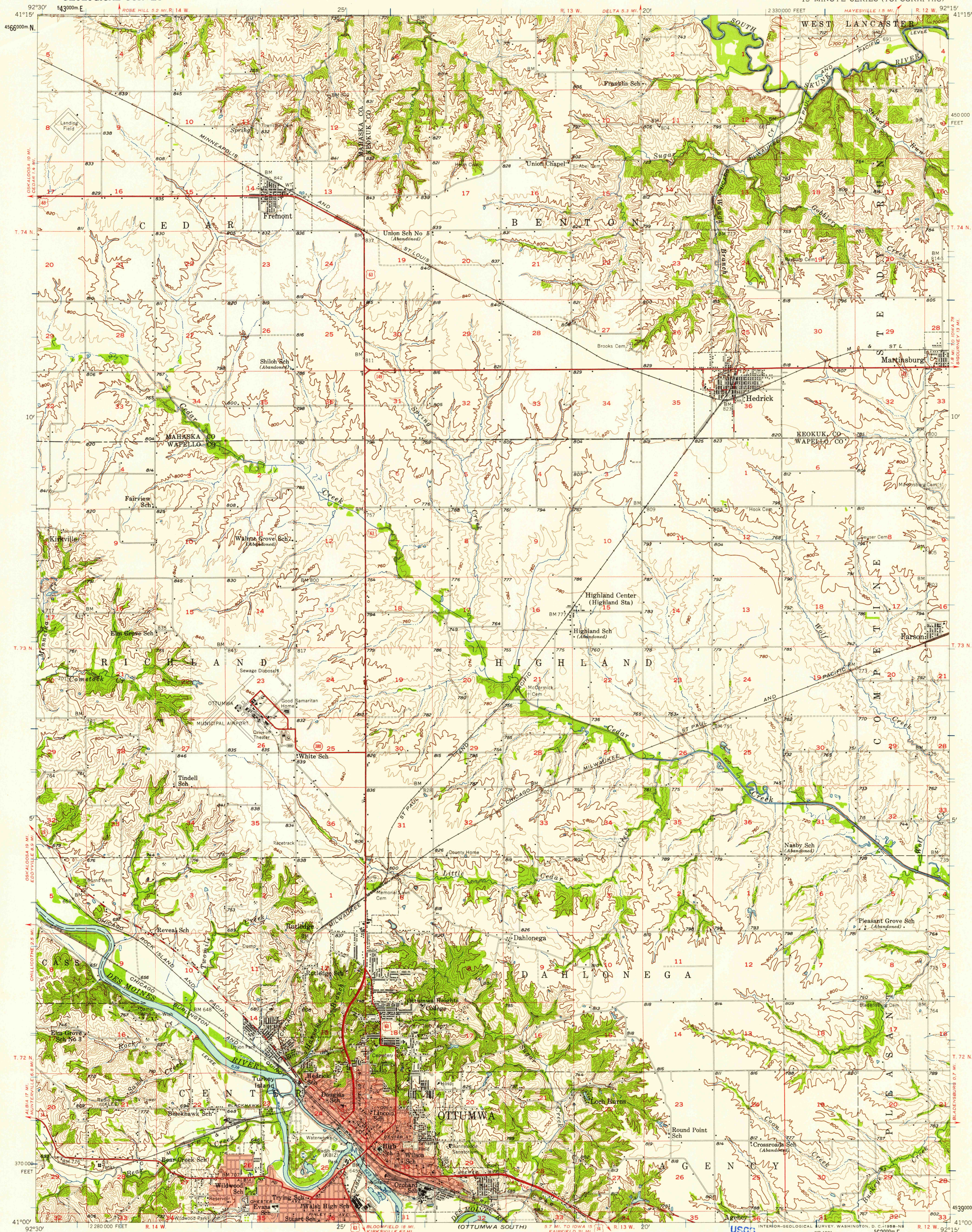


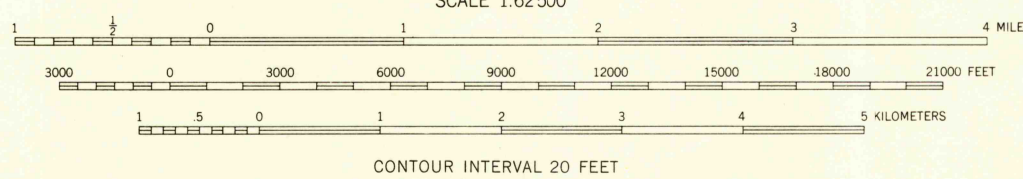
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OTTUMWA NORTH QUADRANGLE
IOWA
15 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by photogrammetric methods
and in part by City of Ottumwa. Aerial photographs taken 1955
Field check 1956
Polyconic projection. 1927 North American datum
10,000-foot grid based on Iowa coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 15, shown in blue
Red tint indicates areas in which only
landmark buildings are shown

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1956



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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AND BY THE IOWA GEOLOGICAL SURVEY, IOWA CITY, IOWA
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Historical File
Topographic Division



ROAD CLASSIFICATION
Heavy-duty ————
Medium-duty ————
Unimproved dirt ————
U. S. Route ————
State Route ————
The south half of this area also covered by 1:24,000
scale maps of Ottumwa North and Farson 7.5 minute
quadrangles, surveyed 1956
OTTUMWA NORTH, IOWA
N4100—W9215/15
1956

U.S.G.S.
FILE COPY
TOPOGRAPHIC DIVISION

MAR 12 1956

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