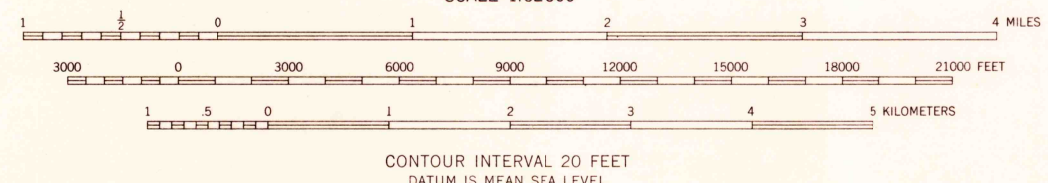
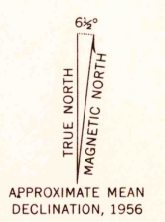


Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by photogrammetric methods  
and in part by City of Ottumwa. Aerial photographs taken 1955  
Field check 1956  
Polyconic projection. 1927 North American datum  
10,000-foot grid based 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



USGS  
Historical File  
Topographic Division

ROAD CLASSIFICATION  
Heavy-duty ——— Light-duty ———  
Medium-duty ——— Unimproved dirt ———  
U. S. Route ——— State Route ———



OTTUMWA SOUTH, IOWA  
N4045—W9215/15

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER 2, COLORADO OR WASHINGTON 25, D. C.  
AND BY THE IOWA GEOLOGICAL SURVEY, IOWA CITY, IOWA  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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

2455