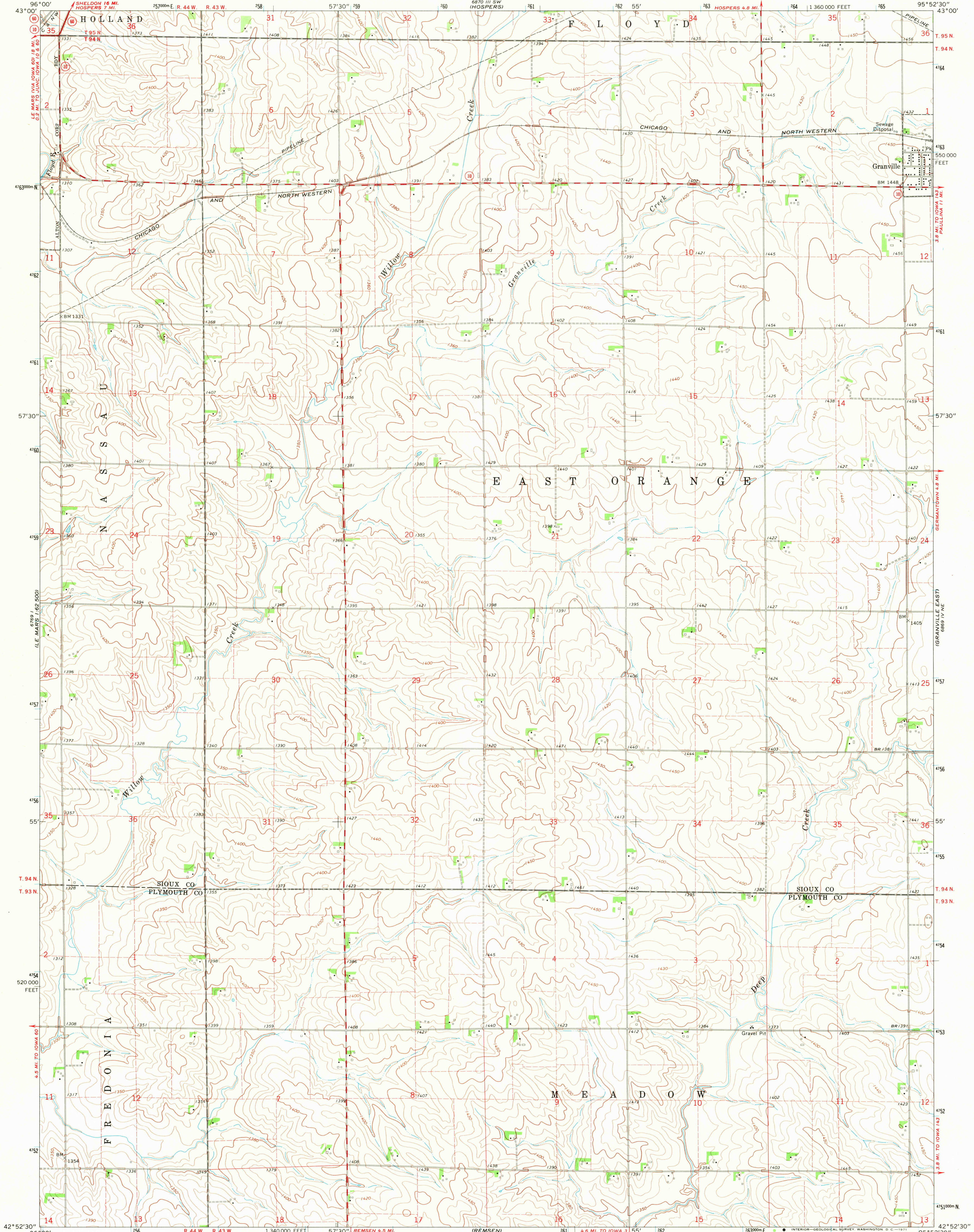


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

GRANVILLE WEST QUADRANGLE  
IOWA  
7.5 MINUTE SERIES (TOPOGRAPHIC)



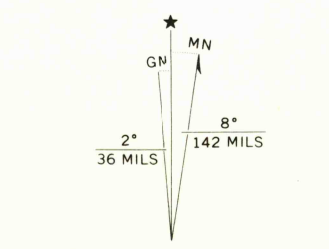
Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial  
photographs taken 1968. Field checked 1969

Polyconic projection. 1927 North American datum  
10,000-foot grid based on Iowa coordinate system, north zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 15, shown in blue

Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs  
This information is unchecked



SCALE 1:24,000

CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242  
AND BY THE IOWA GEOLOGICAL SURVEY, IOWA CITY, IOWA 52240  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION  
Primary highway, all weather, hard surface  
Secondary highway, all weather, hard surface  
Light-duty road, all weather, improved surface  
Unimproved road, fair or dry weather  
State Route



QUADRANGLE LOCATION

GRANVILLE WEST, IOWA  
N4252.5-W9552.5/7.5

1969

AMS 6869 IV NW-SERIES V876

SEP 8 1971

U.S. GEOLOGICAL SURVEY  
TOPOGRAPHIC DIVISION