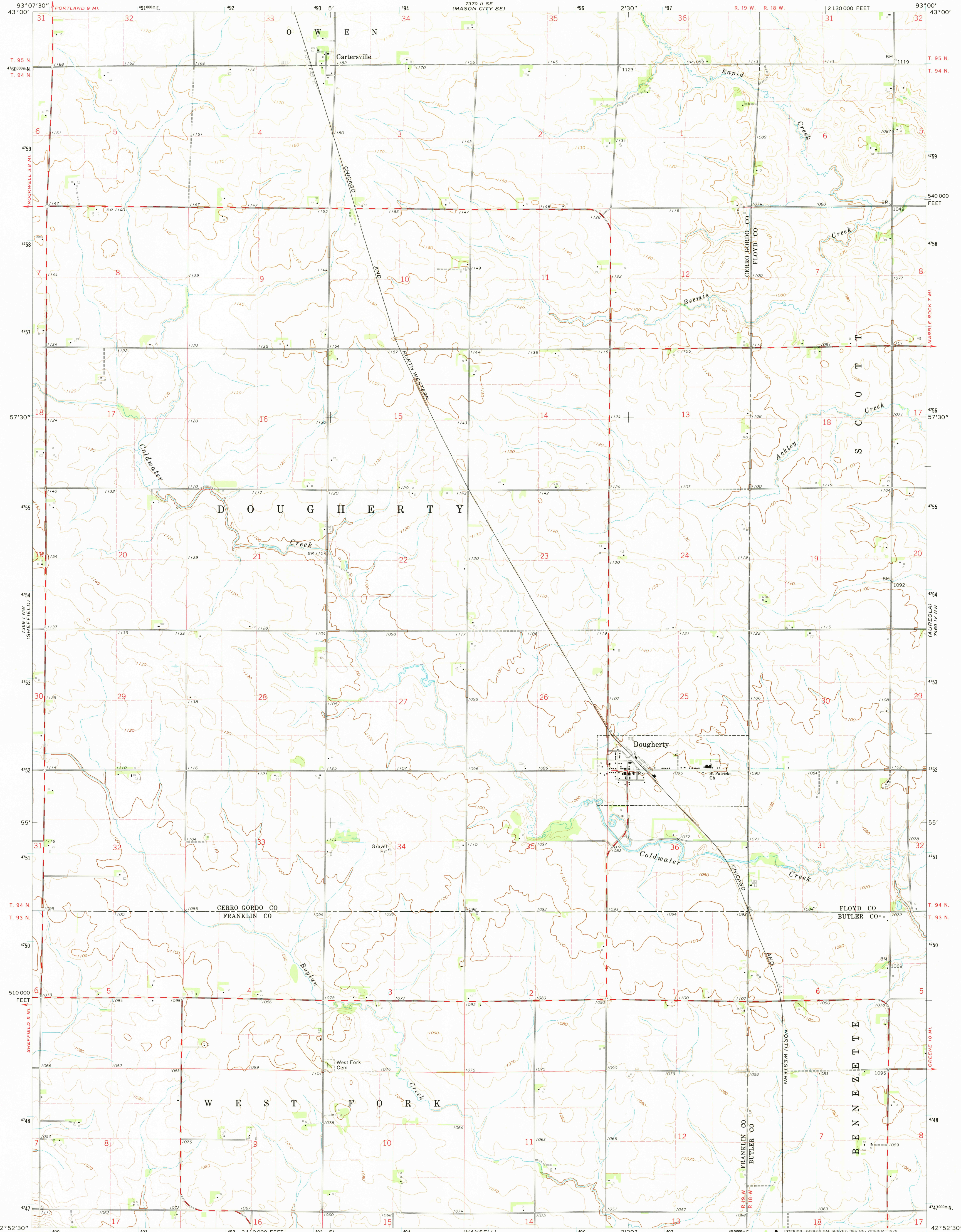


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

DOUGHERTY QUADRANGLE  
IOWA  
7.5 MINUTE SERIES (TOPOGRAPHIC)



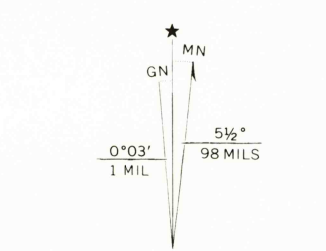
Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial  
photographs taken 1972. Field checked 1972

Projection and 10,000-foot grid ticks: Iowa coordinate  
system, north zone (Lambert conformal conic)  
1000-meter Universal Transverse Mercator grid ticks,  
zone 15, shown in blue. 1927 North American datum

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 RESTON VIRGINIA 22092  
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, hard surface

Secondary highway, hard surface

Light-duty road, hard or improved surface  
Unimproved road  
Interstate Route U.S. Route State Route

USGS  
HISTORICAL FILE  
TOPOGRAPHIC DIVISION

DOUGHERTY, IOWA  
N4252.5-W9300.75  
1972

AMS 7369 I NE-SERIES V876