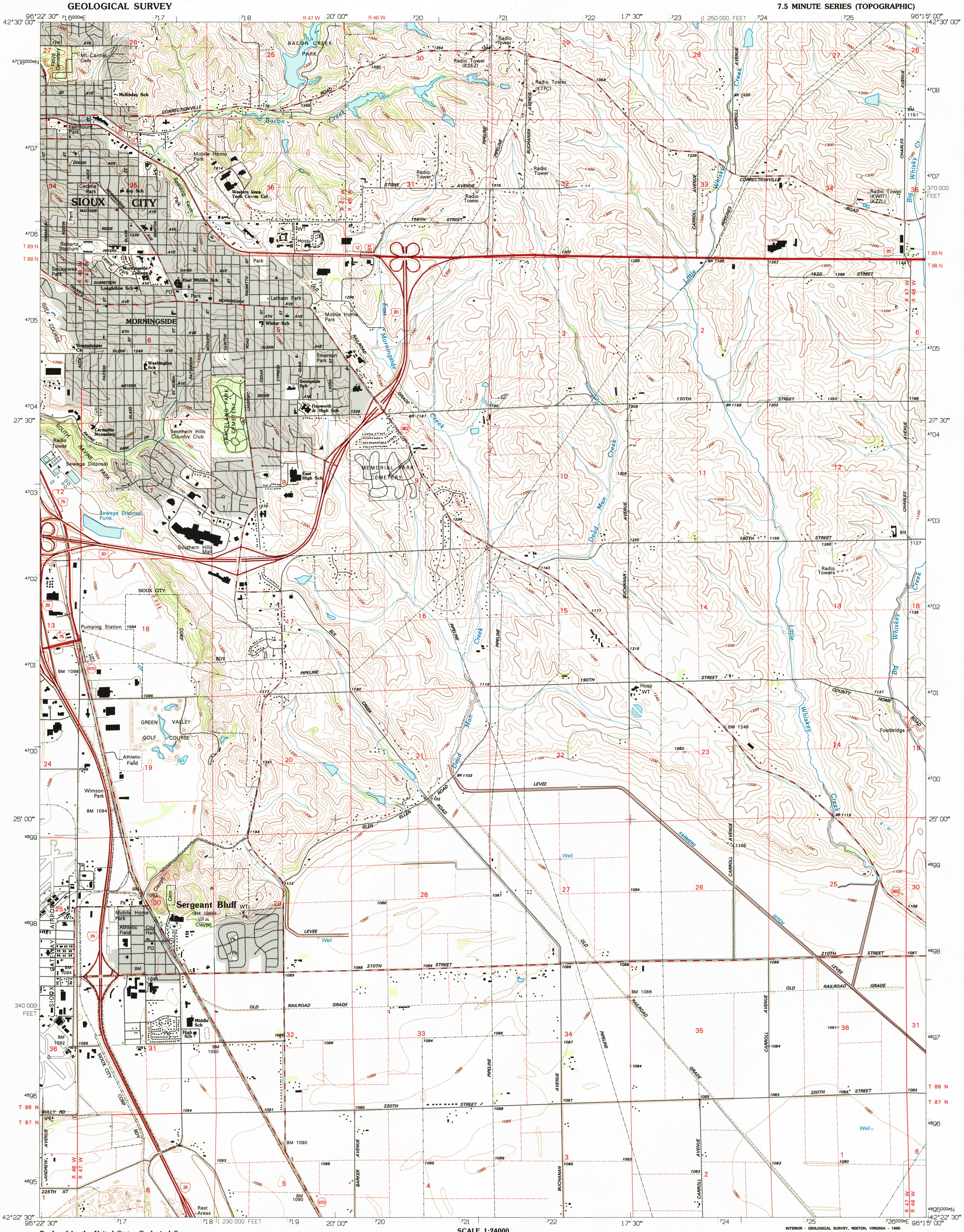
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SERGEANT BLUFF QUADRANGLE
IOWA-WOODBURY CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Produced by the United States Geological Survey
Control by USGS and NOS/NOAA

Compiled by photogrammetric methods from imagery dated 1961
Topography partly by planetable surveys 1964. Revised from imagery dated 1990 and other sources. Field checked 1993
Map edited 1994

Universal Transverse Mercator projection
10,000-foot grid ticks: Iowa coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 14, shown in blue
1927 North America Datum (NAD 27)

North American Datum of 1983 (NAD 83) is shown by dashed corner ticks
The values to the shift between NAD 27 and 83 or 7.5-minute intersections are given in USGS Bulletin 1875

Gray tint indicates areas in which only landmark buildings are shown

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

MN
GN
1°49'
32 MILS
5½°
98 MILS
UTM GRID AND 1994 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24000

KILOMETERS
METERS
MILES
FEET

CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND IOWA GEOLOGICAL SURVEY, IOWA CITY, IOWA 52240
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

IOWA
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Sioux City North
2 James
3 Union Center SW
4 Sioux City South
5 Lawton
6 Homer
7 Salix
8 Luton

ADJOINING 7.5' QUADRANGLE NAMES

INTERIOR - GEOLOGICAL SURVEY, RESTON, VIRGINIA - 1995

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 NMD HISTORICAL MAP ARCHIVES
APR 18 1995
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SERGEANT BLUFF, IA
42096-D3-TF-024
1993

DMA 6768 IV NE - SERIES V876