

# GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:  
THE SIDWELL COMPANY  
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE  
COUNTY ENGINEER  
GRUNDY COUNTY, IOWA

DESIGNATION 871816 2 GPS No. 7014 COUNTY GRUNDY STATE IOWA  
 LOCATED IN SECTION 16 TWP 87N RGE 18W USGS QUAD MAP IVESTER  
 TO REACH FROM IN THE NORTHWEST QUADRANT OF THE INTERSECTION OF 250TH STREET AND E AVENUE  
AT IVESTER.

MARK 3-1/4" ALUMINUM DISK SET IN 12" DIAMETER POURED-IN-PLACE CONCRETE MONUMENT

MARK EXISTING     VALUES AS PUBLISHED BY \_\_\_\_\_  
 MARK SET         VALUES ESTABLISHED BY DENI ASSOCIATES, INC. DATE JUNE 1997

HORIZONTAL VALUES ORIGINATED ON ORDER "B" IOWA HIGH ACCURACY REFERENCE NETWORK (HARN) CONTROL ESTABLISHED BY THE NATIONAL GEODETIC SURVEY AND BASED ON THE NORTH AMERICAN DATUM OF 1983, 1996 ADJUSTMENT.

IOWA COORDINATE SYSTEM, NORTH ZONE	SCALE FACTOR: <u>0.99996166</u>
COORDINATES (US FEET)	COORDINATES (METERS)
NORTHING (Y) <u>3587317.39</u>	NORTHING (Y) <u>1093416.528</u>
EASTING (X) <u>5071257.55</u>	EASTING (X) <u>1545722.392</u>

VERTICAL VALUES ORIGINATED ON VERTICAL CONTROL ESTABLISHED BY THE NATIONAL GEODETIC SURVEY AND/OR THE U.S. GEOLOGICAL SURVEY AND BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.

ELEVATION (US FEET) <u>1120.38</u>	ELEVATION (METERS) <u>341.492</u>
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