

GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
 THE SIDWELL COMPANY
 WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
 COUNTY ENGINEER
 DICKINSON COUNTY, IOWA

DESIGNATION 993726 2 GPS NO. WHAPETON 2 COUNTY DICKINSON STATE IOWA
 LOCATED IN SECTION 26 TWP 99 N RANGE 37 W USGS QUAD MAP MILFORD
 TO REACH THE STATION FROM THE INTERSECTION OF 200TH STREET AND IOWA HIGHWAY 86; HEAD NORTH ON
HIGHWAY 86 FOR APPROXIMATELY 0.08 MILES TO THE STATION ON THE RIGHT (EAST OF THE CENTERLINE). THE STATION IS
WEST OF THE EXTENDED CENTERLINE OF THE CULDESAC ON LIGHTHOUSE COURT.

MARK BERNTSEN MONUMENT WITH 3-1/4" ALUMINUM DISK ON ROD WITH 6" ACCESS COVER
 MARK EXISTING VALUES AS PUBLISHED BY
 MARK SET VALUES ESTABLISHED BY Patrick Engineering Inc. DATE August, 2002

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.

LATITUDE NORTH 43° 21' 28.277918"
 LONGITUDE WEST 95° 10' 47.215588"
 ELLIPSOID HEIGHT (meter) 405.728 * (Based on GEOID99 Model)

IOWA COORDINATE SYSTEM, NORTH ZONE	CONVERGENCE ANGLE <u>-1° 08' 18.47"</u>
COORDINATES (US FEET)	SCALE FACTOR <u>0.999954</u>
NORTHING (Y) <u>3962347.38</u>	COORDINATES (METERS)
EASTING (X) <u>4474508.87</u>	NORTHING (Y) <u>1207725.897</u>
	EASTING (X) <u>1363833.031</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) 1422.92 ELEVATION (METERS) 433.707

