

# GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:  
THE SIDWELL COMPANY  
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE  
COUNTY ENGINEER  
HARDIN COUNTY, IOWA

DESIGNATION 882218 3 GPS No. 8005 COUNTY HARDIN STATE IOWA  
 LOCATED IN SECTION 18 TWP 88 N RGE 22 W USGS QUAD MAP BUCKEYE WEST  
 TO REACH FROM THE INTERSECTION OF 190th STREET AND C AVENUE; GO WEST 1.0 MILE TO  
COUNTY LINE AND MARK.

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 1998

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: 0.99995413

COORDINATES (US FEET) COORDINATES (METERS)

NORTHING (Y) 3618706.09 NORTHING (Y) 1102983.822

EASTING (X) 4931325.38 EASTING (X) 1503070.983

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) 1161.46 ELEVATION (METERS) 354.01

