

GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
HARDIN COUNTY, IOWA

DESIGNATION 13 LAP GPS No. 9797 COUNTY HARDIN STATE IOWA

LOCATED IN SECTION 12 TWP 87 N RGE 19 W USGS QUAD MAP ELDORA

TO REACH FROM _____

AT THE INTERSECTION OF STATE HIGHWAY 175 AND COUNTY HIGHWAY S75 / Z AVENUE,

IN THE NORTHWEST QUADRANT.

MARK STANDARD U.S.G.S. DISK ON ROD IN 6" DIAMETER CONCRETE TILE, FLUSH, STAMPED "13 LAP 1974"

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: 0.99996026

COORDINATES (US FEET) COORDINATES (METERS)

NORTHING (Y) 3592495.05 NORTHING (Y) 1094994.681

EASTING (X) 5055705.52 EASTING (X) 1540982.123

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) 1083.94 ELEVATION (METERS) 330.39

