

# GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:  
THE SIDWELL COMPANY  
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE  
COUNTY ENGINEER  
HARDIN COUNTY, IOWA

DESIGNATION 22 LAP GPS No. 9807 COUNTY HARDIN STATE IOWA

LOCATED IN SECTION 27 TWP 86 N RGE 21 W USGS QUAD MAP \_\_\_\_\_ ZEARING \_\_\_\_\_

TO REACH FROM \_\_\_\_\_

AT THE "T" INTERSECTION OF COUNTY HIGHWAY D65 AND KK AVENUE TO NORTH.

MARK STANDARD U.S.G.S. DISK ON ROD IN 6" DIAMETER CONCRETE TILE, STAMPED "22 LAP 1974", FLUSH

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: 0.99997333

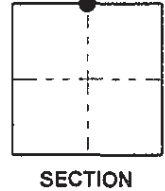
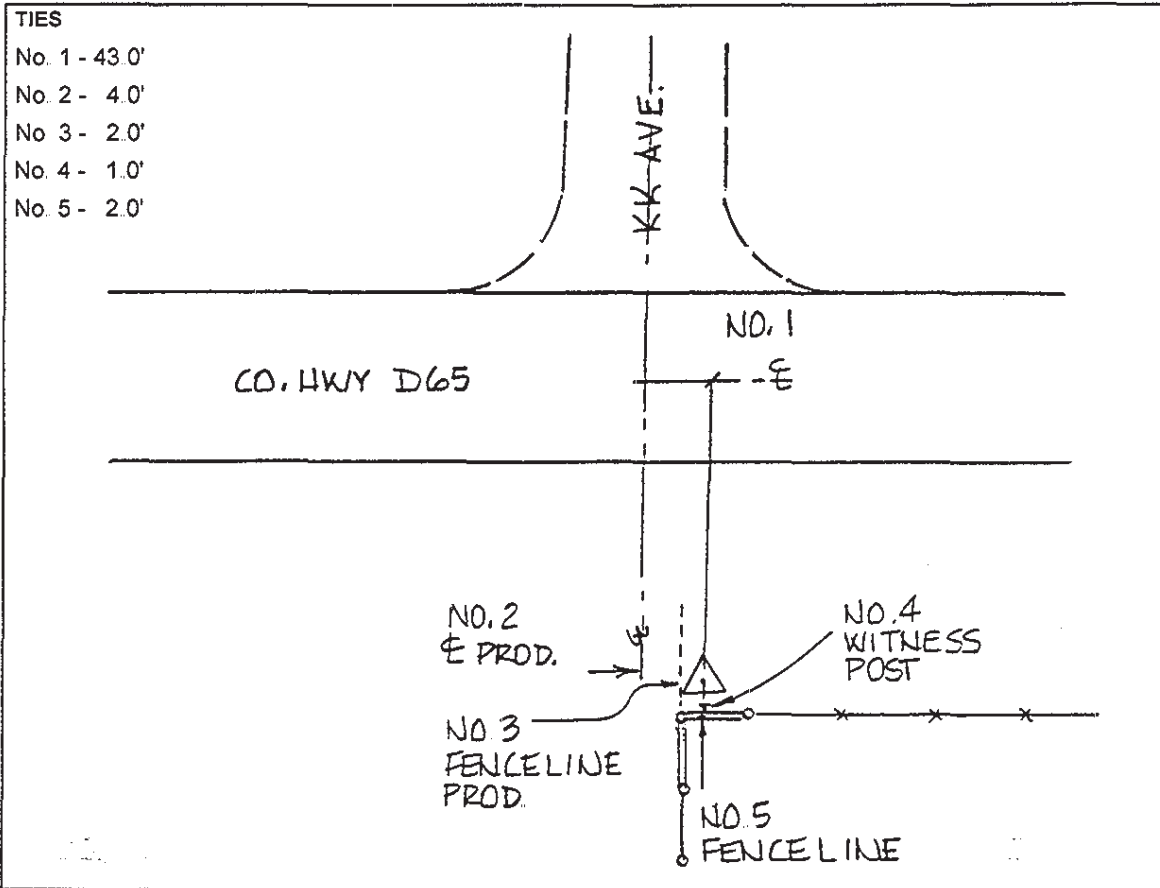
COORDINATES (US FEET) COORDINATES (METERS)

NORTHING (Y) 3549822.85 NORTHING (Y) 1081988.168

EASTING (X) 4980687.40 EASTING (X) 1518116.556

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) 1059.61 ELEVATION (METERS) 322.97



SKETCH  
BY DSW  
DENI 9803001