

# GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:  
THE SIDWELL COMPANY  
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE  
COUNTY ENGINEER  
HARDIN COUNTY, IOWA

DESIGNATION IOWA FALLS GPS No. 9813 COUNTY HARDIN STATE IOWA

LOCATED IN SECTION 13 TWP 89 N RGE 21 W USGS QUAD MAP IOWA FALLS WEST

TO REACH FROM THE INTERSECTION OF U.S. HIGHWAY 20 / WASHINGTON AVENUE AND U.S. HIGHWAY 65 /  
OAK STREET IN IOWA FALLS; GO ONE BLOCK NORTH AND WEST TO THE INTERSECTION OF ESTES STREET  
AND STEVENS STREET AND THE MARK IN THE SOUTHWEST QUADRANT.

DISK STAMPED "IOWA FALLS 1934"

MARK U.S.C. & G.S. DISK IN 12" DIA. CONCRETE MONUMENT, PROJECTS 4" ABOVE GROUND

MARK EXISTING  VALUES AS PUBLISHED BY N.G.S., VERTICAL ONLY

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: 0.99994865

COORDINATES (US FEET) COORDINATES (METERS)

NORTHING (Y) 3652797.23 NORTHING (Y) 1113374.823

EASTING (X) 4984781.55 EASTING (X) 1519364.454

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) 1113.11 ELEVATION (METERS) 339.28

