

# GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:  
THE SIDWELL COMPANY  
WEST CHICAGO, ILLINOIS

THE OFFICE OF  
THE COUNTY ENGINEER  
APPANOOSE COUNTY, IOWA

DESIGNATION 691704 4 GPS No. 8028 COUNTY APPANOOSE STATE IOWA

LOCATED IN SECTION 4 TWP 69 N RGE 17 W USGS QUAD MAP HIATTSVILLE

TO REACH FROM THE INTERSECTION OF 458th STREET AND 244th AVENUE; GO SOUTH 0.3 MILE TO MARK.

MARK 3-1/4" ALUMINUM DISK SET IN 10" 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, SOUTH ZONE SCALE FACTOR: 0.99997133

COORDINATES (US FEET) COORDINATES (METERS)

NORTHING (Y) 296376.56 NORTHING (Y) 90335.757

EASTING (X) 1828529.94 EASTING (X) 557337.039

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) 942.56 ELEVATION (METERS) 287.29

