

GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF
THE COUNTY ENGINEER
APPANOOSE COUNTY, IOWA

DESIGNATION 691721 4 GPS No. 8027 COUNTY APPANOOSE STATE IOWA

LOCATED IN SECTION 21 TWP 69 N RGE 17 W USGS QUAD MAP HIATTSVILLE

TO REACH FROM THE INTERSECTION OF STATE HIGHWAY 5 AND 493rd STREET; GO EAST 1.9 MILES TO DOGLEG TO NORTH; THEN GO NORTHERLY AND NORTHEASTERLY 0.15 MILE TO BRIDGE; CONTINUE NORTHEASTERLY 0.2 MILE TO EAST POINT OF GROVE AND FIELD ROAD NORTHWESTERLY AND 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: 0.99997663

COORDINATES (US FEET) COORDINATES (METERS)

NORTHING (Y) 280847.67 NORTHING (Y) 85602.541

EASTING (X) 1828742.06 EASTING (X) 557401.695

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) 853.86 ELEVATION (METERS) 260.26

