

GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF
THE COUNTY ENGINEER
APPANOOSE COUNTY, IOWA

DESIGNATION 691616 2 GPS No. 8012 COUNTY APPANOOSE STATE IOWA
LOCATED IN SECTION 16 TWP 69 N RGE 16 W USGS QUAD MAP UNIONVILLE
TO REACH FROM THE INTERSECTION OF COUNTY HIGHWAY T61 AND 485th STREET, SOUTH OF UNIONVILLE;
GO SOUTH 0.5 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: <u>0.99997664</u>
COORDINATES (US FEET)	COORDINATES (METERS)
NORTHING (Y) <u>281120.99</u>	NORTHING (Y) <u>85685.850</u>
EASTING (X) <u>1863137.12</u>	EASTING (X) <u>567885.330</u>

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) 964.01 ELEVATION (METERS) 293.83

