

GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF
THE COUNTY ENGINEER
APPANOOSE COUNTY, IOWA

DESIGNATION 691819 4 GPS No. 8047 COUNTY APPANOOSE STATE IOWA

LOCATED IN SECTION 19 TWP 69 N RGE 18 W USGS QUAD MAP MYSTIC

TO REACH FROM _____

AT THE INTERSECTION OF 490th STREET AND 160th AVENUE IN THE SOUTHEAST QUADRANT.

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: 0.99997671

COORDINATES (US FEET)

COORDINATES (METERS)

NORTHING (Y) 280299.09

NORTHING (Y) 85435.333

EASTING (X) 1783878.03

EASTING (X) 543727.111

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) 1008.86

ELEVATION (METERS) 307.50

TIES

No. 1 - 182'

No. 2 - 42'

No. 3 - 49'

No. 4 - 2.5'

No. 5 - 4.6'

