

GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
 WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
 COUNTY ENGINEER
 DICKINSON COUNTY, IOWA

DESIGNATION 983701 2 GPS NO. MILPORT COUNTY DICKINSON STATE IOWA
 LOCATED IN SECTION 1 TWP 98 N RANGE 37 W USGS QUAD MAP MILFORD
 TO REACH THE STATION FROM FROM THE INTERSECTION OF U.S. HIGHWAY 71 AND COUNTY ROAD 34, HEAD NORTH
ON HIGHWAY 71 FOR 0.40 MILE TO THE JUNCTION OF 19TH STREET; TURN LEFT (WEST) AND GO 0 10 MILE TO NORTH
AVENUE; TURN LEFT (SOUTH) AND GO 0.05 MILE TO 18TH STREET; TURN RIGHT (WEST) AND GO 0 10 MILE TO THE END
OF THE ROAD, TURN RIGHT (NORTH) TOWARDS THE HANGARS.

MARK 1/2" STAINLESS STEEL ROD ENCASED IN A 5" PVC PIPE WITH LOGO CAP STAMPED MILPORT 1989
 MARK EXISTING VALUES AS PUBLISHED BY National Geodetic Survey (Horizontal)
 MARK SET VALUES ESTABLISHED BY Patrick Engineering Inc. (Vertical) DATE August, 2002

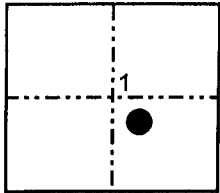
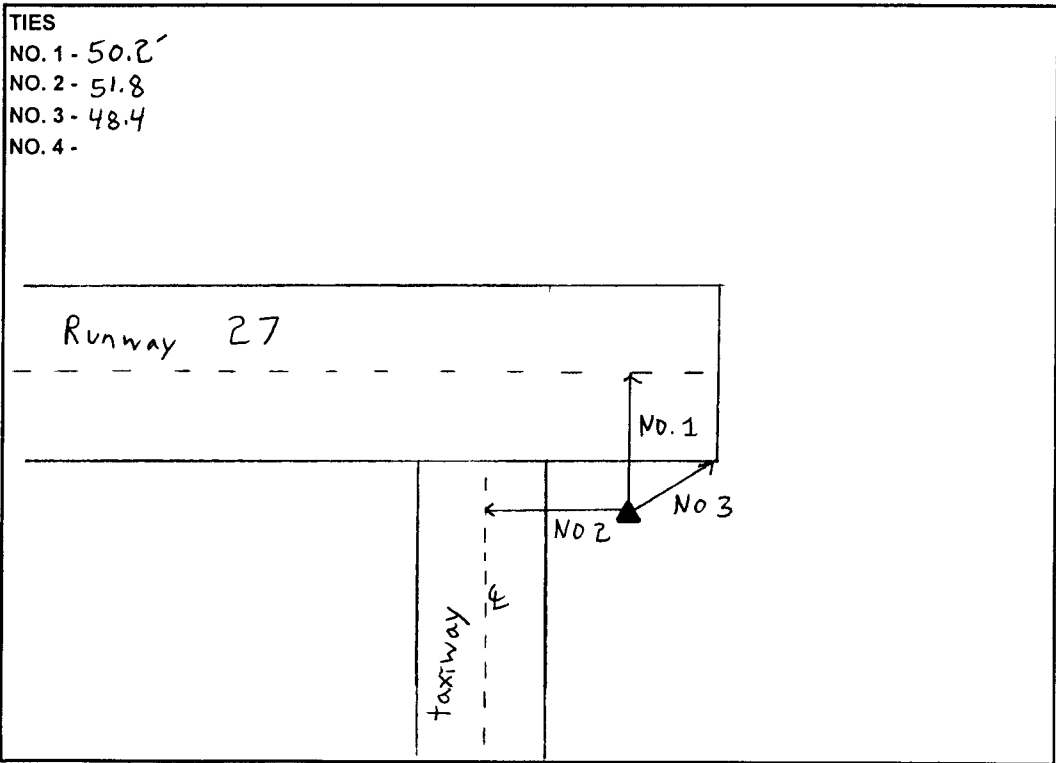
HORIZONTAL VALUES ORIGINATED ON ORDER "B" IOWA HIGH ACCURACY REFERENCE NETWORK (HARN) CONTROL ESTABLISHED BY THE NATIONAL GEODETIC SURVEY AND BASED ON THE NORTH AMERICAN DATUM OF 1983, 1996 ADJUSTMENT.

LATITUDE NORTH 43° 20' 04.683270"
 LONGITUDE WEST 95° 09' 09.712800"
 ELLIPSOID HEIGHT (meter) 409 351 * (Based on GEOID99 Model)

IOWA COORDINATE SYSTEM, NORTH ZONE		CONVERGENCE ANGLE	<u>-1° 07' 12.39"</u>
		SCALE FACTOR	<u>0.999949</u>
COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	<u>3953742.96</u>	NORTHING (Y)	<u>1205103.264</u>
EASTING (X)	<u>4481545.55</u>	EASTING (X)	<u>1365977.816</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) 1435.19 ELEVATION (METERS) 437.447



SECTION MAP



SKETCH BY SL

PATRICK 09-2002