GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
DICKINSON COUNTY, IOWA

DESIGNATION 1003510 4 GPS NO. 8043 COUNTY DICKINSON STATE IOWA
LOCATED IN SECTION 10 TWP 100 N RANGE 35 W USGS QUAD MAP SUPERIOR
TO REACH THE STATION FROM
THE INTERSECTION OF 100TH STREET AND HIGHWAY 71; HEAD EAST ON 100TH STREET FOR 1.0 MILE TO A NORTHERLY BEND; CONTINUE STRAIGHT ON THE DIRT ROAD TO THE STATION ON THE RIGHT.

MARK BERNTSEN MONUMENT WITH 2-1/2" ALUMINUM DISK ON ROD WITH 6" ACCESS COVER

☐ MARK EXISTING ☐ VALUES AS PUBLISHED BY
☑ MARK SET ☑ VALUES ESTABLISHED BY Patrick Engineering Inc 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.

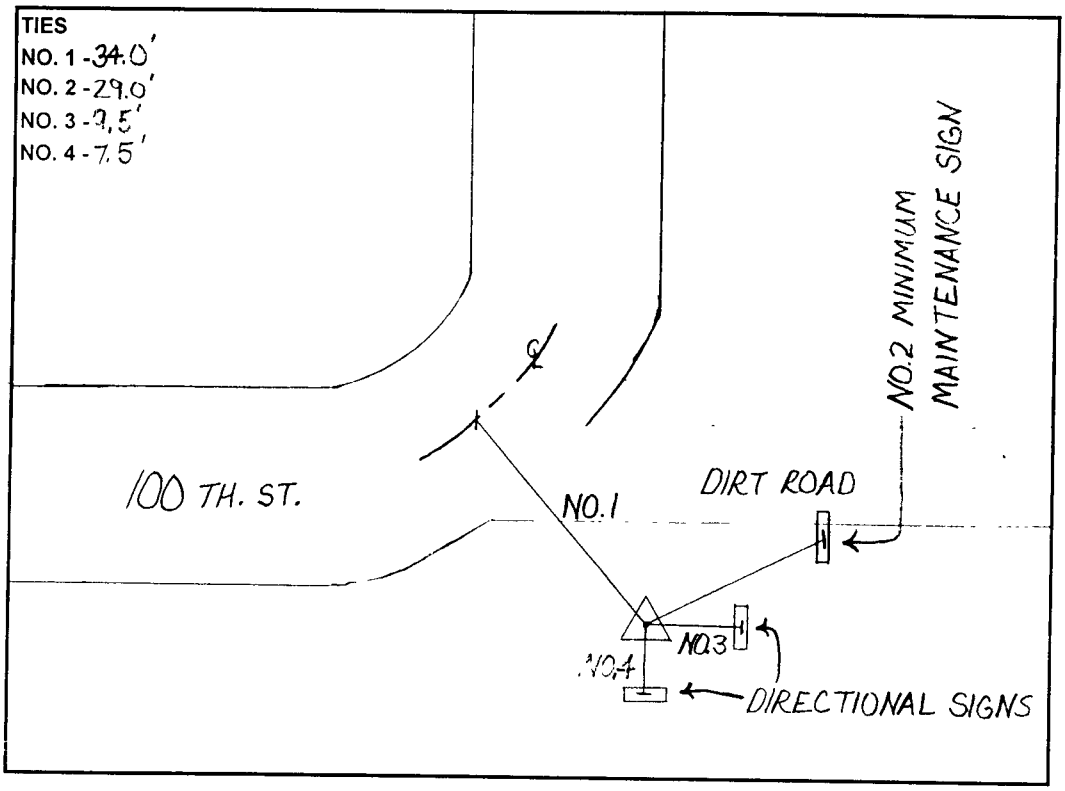
LATITUDE NORTH	43° 30' 03.125434"
LONGITUDE WEST	94° 58' 27.400187"
ELLIPSOID HEIGHT (meter)	405.538 * (Based on GEOID99 Model)

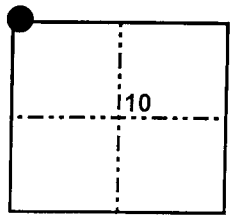
IOWA COORDINATE SYSTEM, NORTH ZONE

		CONVERGENCE ANGLE	0° 59' 57 06"
		SCALE FACTOR	0.999988
COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	4013450.59	NORTHING (Y)	1223302 186
EASTING (X)	4530066.24	EASTING (X)	1380766 951

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) 1421.91 ELEVATION (METERS) 433.399





SECTION MAP

SKETCH BY CCS

PATRICK 09-2002