

GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
GRUNDY COUNTY, IOWA

DESIGNATION 94-083 GPS No. 7068 COUNTY BLACK HAWK STATE IOWA
 LOCATED IN SECTION 31 TWP 90N RGE 14W USGS QUAD MAP NEW HARTFORD
 TO REACH FROM IN THE NORTHWEST QUADRANT OF THE INTERSECTION OF WESTBROOK STREET
AND BUTLER ROAD, NEAR THE NORTHEAST CORNER OF GRUNDY COUNTY.

CAP IS STAMPED "GPS CONTROL PT. 94-083"

MARK 2-1/2" BLACK HAWK CO. ALUM. CAP ON ALUM. ROD IN 5" PVC PIPE CASING WITH ALUM. ACCESS COVER

MARK EXISTING VALUES AS PUBLISHED BY _____
 MARK SET VALUES ESTABLISHED BY DENI ASSOCIATES, INC. DATE JUNE 1997

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, NORTH ZONE	SCALE FACTOR: <u>0.99994726</u>
COORDINATES (US FEET)	COORDINATES (METERS)
NORTHING (Y) <u>3667059.44</u>	NORTHING (Y) <u>1117721.952</u>
EASTING (X) <u>5176107.90</u>	EASTING (X) <u>1577680.843</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) <u>886.87</u>	ELEVATION (METERS) <u>270.317</u>
-----------------------------------	-----------------------------------

