GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
HARDIN COUNTY, IOWA

DESIGNATION 42 141 GPS No. 9837 COUNTY HARDIN STATE IOWA

LOCATED IN SECTION 31 TWP 89 N RGE 20 W USGS QUAD MAP BUCKEYE EAST

TO REACH FROM

AT THE INTERSECTION OF U.S. HIGHWAY 65 AND AIRPORT ENTRANCE ROAD TO IOWA FALLS AIRPORT,

IN THE NORTHWEST QUADRANT.

DISK STAMPED "42 141"

MARK U.S.C. & G.S. AND STATE SURVEY DISK IN 6" x 6" CONCRETE POST, PROJECTS 1.5' ABOVE GROUND

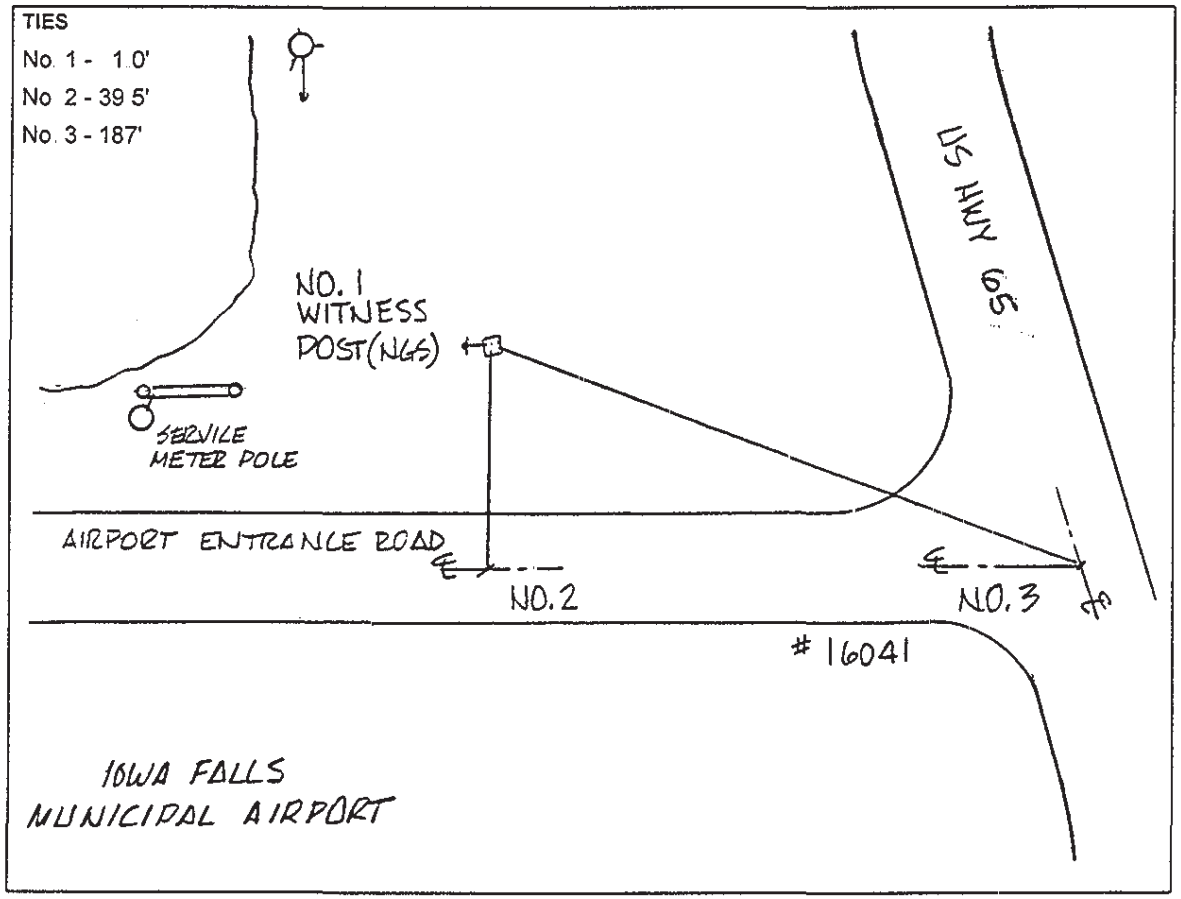
☒ MARK EXISTING ☒ VALUES AS PUBLISHED BY N.G.S.

☐ MARK SET ☐ VALUES ESTABLISHED BY DATE

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: 0.99995125

COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3634666.61	NORTHING (Y)	1107848.597
EASTING (X)	4985317.44	EASTING (X)	1519527.796

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) 1134.52 ELEVATION (METERS) 345.80