GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
HARDIN COUNTY, IOWA

DESIGNATION 892115 3 GPS No. 8023 COUNTY HARDIN STATE IOWA

LOCATED IN SECTION 15 TWP 89 N RGE 21 W USGS QUAD MAP IOWA FALLS WEST

TO REACH FROM THE INTERSECTION OF STATE HIGHWAY 941 / WASHINGTON STREET EXTENDED AND COUNTY HIGHWAY D15; GO WEST 0.45 MILE TO DRIVE SOUTH CROSSING RAILROAD TRACKS AND MARK IN THE SOUTHWEST QUADRANT OF HIGHWAY AND DRIVE.

MARK 3-1/4" ALUMINUM DISK SET IN 12" 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.

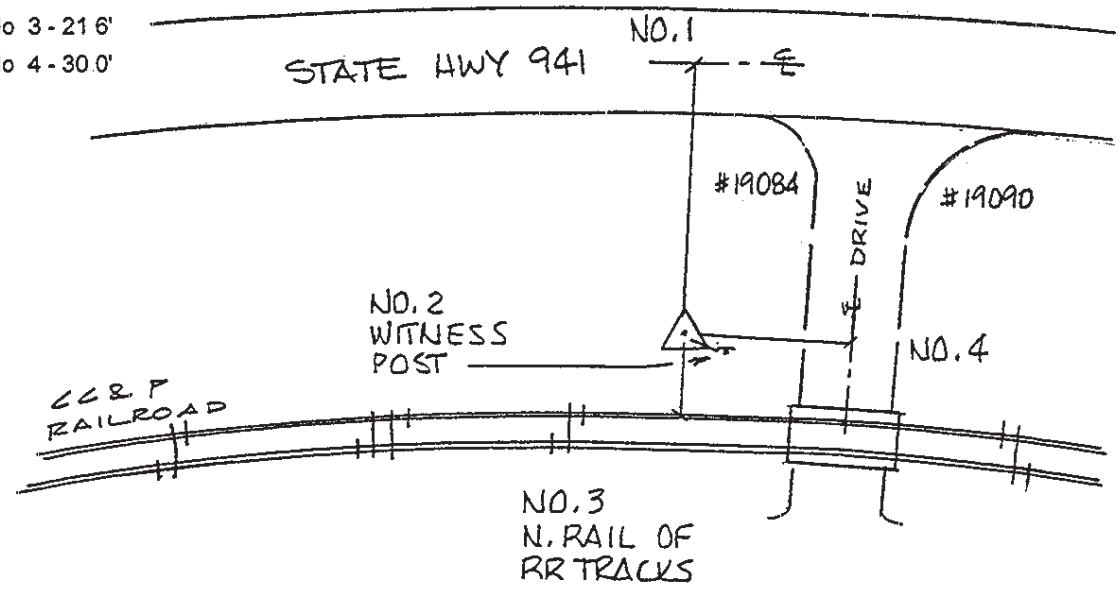
IOWA COORDINATE SYSTEM, NORTH ZONE SCALE FACTOR: 0.99994879

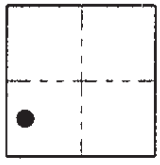
COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3651647.48	NORTHING (Y)	1113024.378
EASTING (X)	4969868.86	EASTING (X)	1514819.059

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) 1101.56 ELEVATION (METERS) 335.76

TIES
No. 1 - 61.0'
No. 2 - 7.3'
No. 3 - 21.6'
No. 4 - 30.0'





SECTION

SKETCH
BY DSW

DENI 9803001