GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
GREENE COUNTY, IOWA

DESIGNATION 822918 3 GPS No. A065 COUNTY GREENE STATE IOWA

LOCATED IN SECTION 18 TWP 82 N RGE 29 W USGS QUAD MAP COOPER

TO REACH FROM THE INTERSECTION OF 305TH STREET AND S AVENUE, GO SOUTHERLY FOR 0.25 MILE TO A GRAVEL DRIVE TO THE EAST PROVIDING ACCESS TO A GAS PIPELINE RIVER CROSSING; FOLLOW THE GRAVEL DRIVE 265 FEET TO A FORK AND THE MARK, NORTHWEST OF THE FORK BEARING NORTHEAST. IN WASHINGTON TOWNSHIP

MARK 3-1/4" ALUMINUM DISC SET IN 10" DIAMETER POURED-IN-PLACE CONCRETE MONUMENT

☐ MARK EXISTING ☐ VALUES AS PUBLISHED BY

☒ MARK SET ☒ VALUES ESTABLISHED BY DENI ASSOCIATES, INC. DATE OCTOBER 2000

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

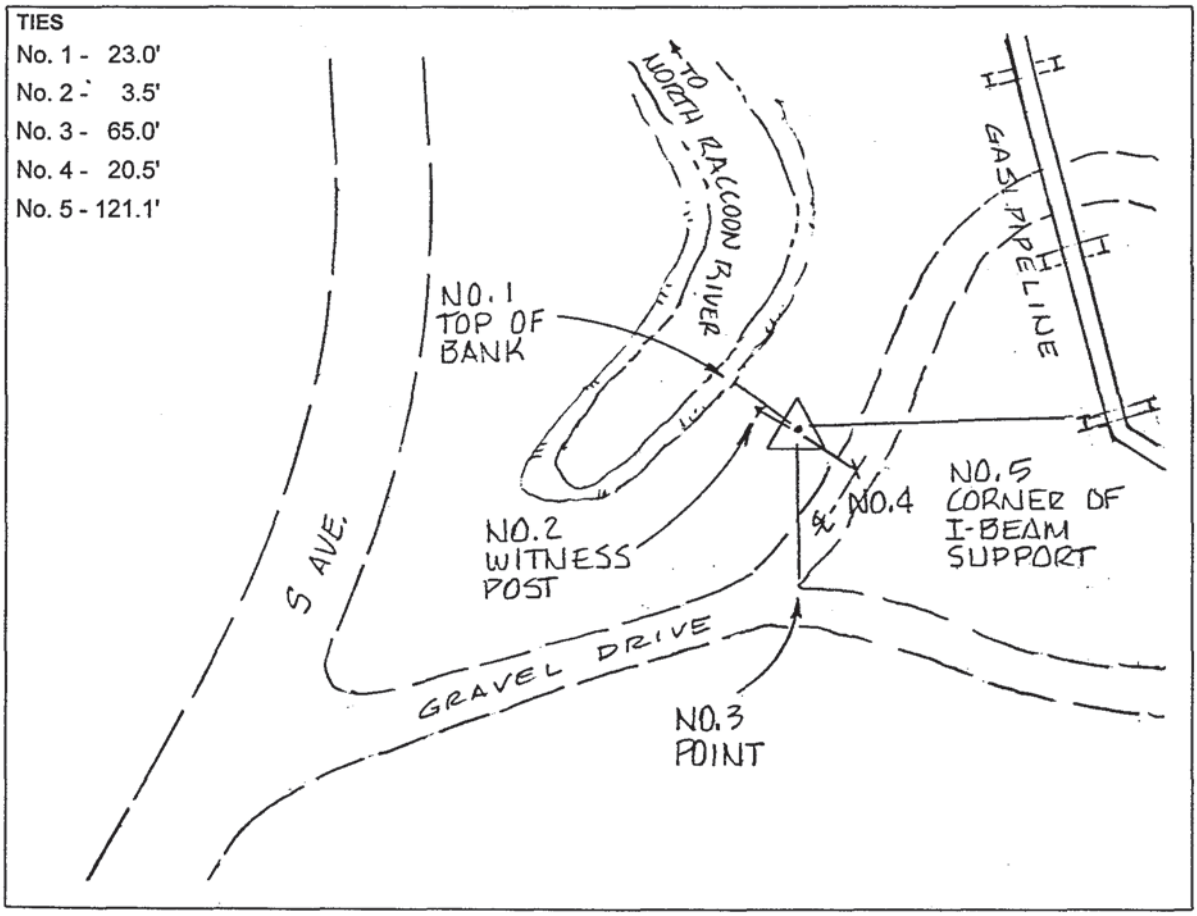
SCALE FACTOR: 1.00003200

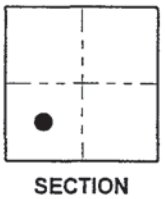
COORDINATES (US FEET)		COORDINATES (METERS)	
NORTHING (Y)	3431410.60	NORTHING (Y)	1045896.043
EASTING (X)	4710202.96	EASTING (X)	1435672.733

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) 957.42 ELEVATION (METERS) 291.82

TIES
No. 1 - 23.0'
No. 2 - 3.5'
No. 3 - 65.0'
No. 4 - 20.5'
No. 5 - 121.1'




SECTION

SKETCH
BY DSW
20000204