GPS SURVEY MARK DESCRIPTION

GIS MAPPING BY:
THE SIDWELL COMPANY
WEST CHICAGO, ILLINOIS

THE OFFICE OF THE
COUNTY ENGINEER
WEBSTER COUNTY, IOWA

DESIGNATION E 13 **GPS No.** 9612 **COUNTY** WEBSTER **STATE** IOWA

LOCATED IN SECTION 33 **TWP** 89 N **RGE** 30 W **USGS QUAD MAP** KNIERIM

TO REACH FROM THE INTERSECTION OF 210TH STREET AND DAKOTA AVENUE (P 29), SOUTHWEST OF BARNUM:
GO SOUTH 0.5 MILES TO RAILROAD TRACKS; THEN SOUTHWESTERLY ALONG TRACKS FOR 350 FEET, MORE OR LESS, TO THE EASTERLY END OF THE BRIDGE AND MARK.

DISC IS STAMPED " 1170.188 FT. ABOVE MEAN SEA LEVEL E13 1933"

TYPE OF MARK STANDARD USC&GS BRONZE BENCHMARK DISC DRILLED INTO CONCRETE BRIDGE ABUTMENT.

■ **MARK RECOVERED** ■ **GPS VALUES SET BY** DENI ASSOCIATES, INC., FT. MYERS, FL **DATE** AUGUST 1996

HORIZONTAL CONTROL ORIGINATED ON ORDER "B" CONTROL BASED ON THE IOWA HIGH ACCURACY REFERENCE NETWORK, NORTH AMERICAN DATUM OF 1983/1997 ADJUSTMENT (NAD83/97).

IOWA COORDINATE SYSTEM, NORTH ZONE GRID **SCALE FACTOR:** _____

COORDINATES (US FEET)

NORTHING (Y) _____

EASTING (X) _____

COORDINATES (METERS)

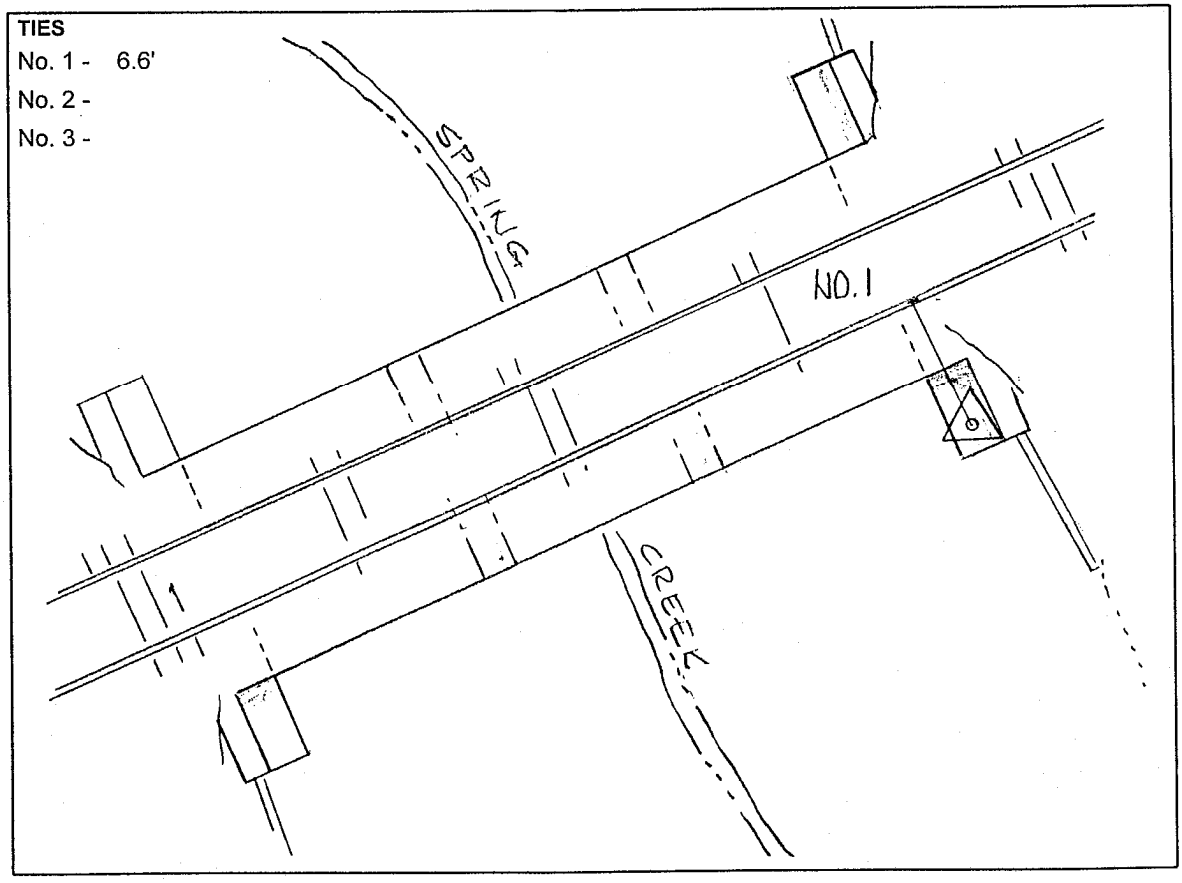
NORTHING (Y) _____

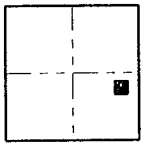
EASTING (X) _____

VERTICAL CONTROL ORIGINATED ON 1ST ORDER CONTROL ESTABLISHED BY NATIONAL GEODETIC SURVEY ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

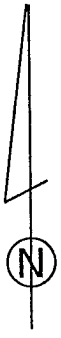
ELEVATION (US FEET) _____ **ELEVATION (METERS)** _____

TIES
No. 1 - 6.6'
No. 2 -
No. 3 -





SECTION



SKETCH
BY DSW

DENI 9605023