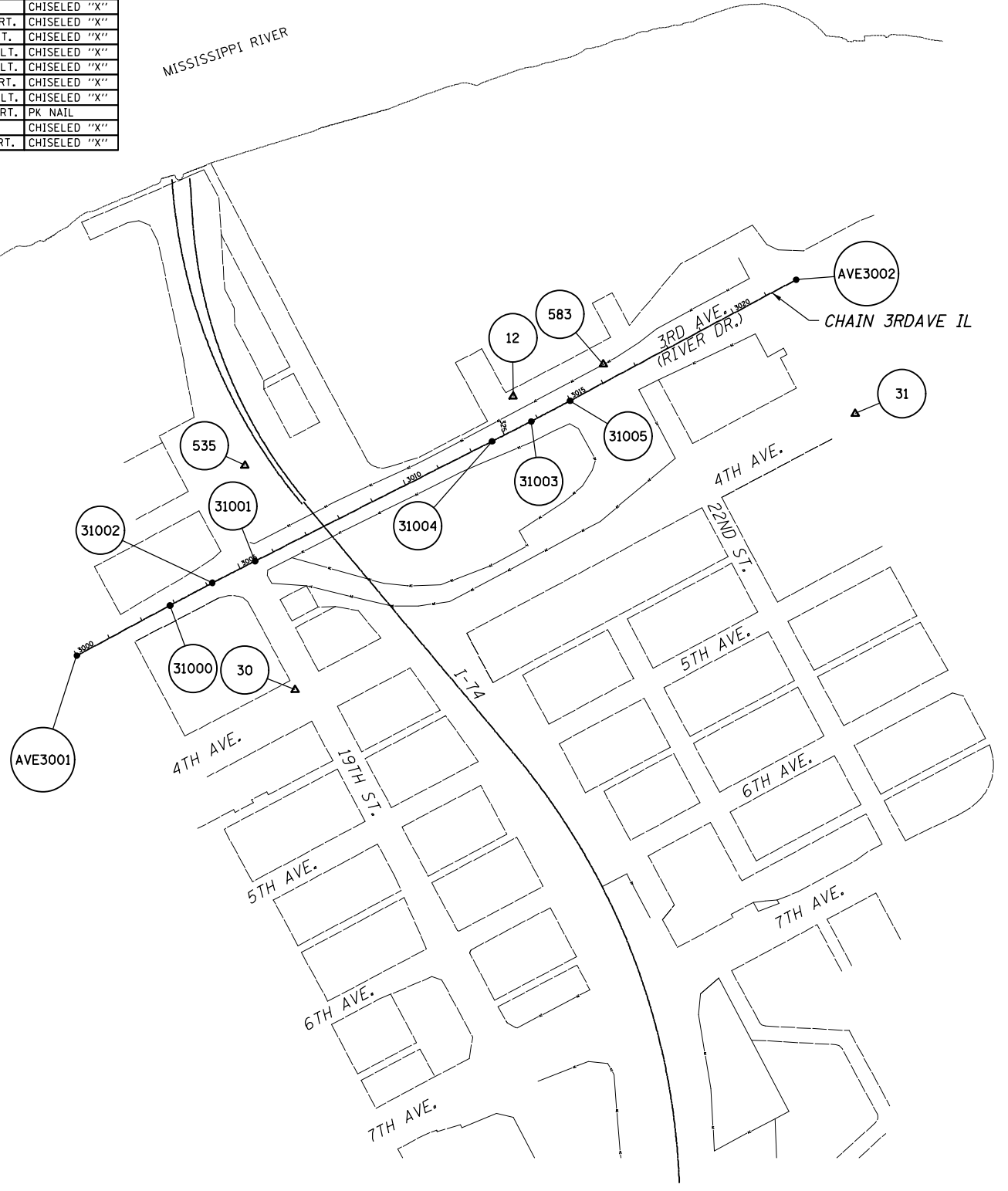


HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEV	CHAIN	STATION	OFFSET	DESCRIPTION
11	565293.2400	2460631.3400					PIN
12	564684.5700	2459258.4900	569.29				PIN
30	563892.9200	2458669.7300	575.37				PIN
31	564638.6950	2460182.4850	574.04				PK NAIL
BENCHMARKS							
POINT	NORTH	EAST	ELEV	CHAIN	STATION	OFFSET	DESCRIPTION
535	564498.7195	2458534.1429	570.05				CHISELED "X"
583	564771.3377	2459502.1127	570.13				CHISELED "X"
ALIGNMENT POINTS							
POINT	NORTH	EAST	ELEV	CHAIN	STATION	OFFSET	DESCRIPTION
31000	564120.4668	2458331.9300		3RDDAVE IL	3002+85.88	0.00	CHISELED "X"
31001	564240.4650	2458561.9760		3RDDAVE IL	3005+45.35	0.00	CHISELED "X"
31002	564181.9582	2458446.1745		3RDDAVE IL	3004+15.62	0.84 LT.	CHISELED "X"
31003	564617.2639	2459307.7676		3RDDAVE IL	3013+80.92	0.70 RT.	CHISELED "X"
31004	564563.7808	2459201.9092		3RDDAVE IL	3012+62.32	0.00	CHISELED "X"
31005	564673.2427	2459412.3276		3RDDAVE IL	3014+99.51	0.00	CHISELED "X"
AVE3001	563984.9730	2458080.1970		3RDDAVE IL	3000+00.00	0.00	CHISELED "X"
AVE3002	565000.2036	2460023.0422		3RDDAVE IL	3021+92.25	0.00	CHISELED "X"

REFERENCE TIES				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
A31000	3RDAVE IL	3002+89.60	42.33 RT.	CHISELED "X"
A31001	3RDAVE IL	3005+52.39	53.96 RT.	PK NAIL
A31002	3RDAVE IL	3003+80.73	46.43 LT.	CHISELED "X"
A31003	3RDAVE IL	3012+87.14	44.57 LT.	CHISELED "X"
A31005	3RDAVE IL	3015+15.52	55.59 RT.	CHISELED "X"
AAVE3001	3RDAVE IL	3000+47.87	32.80 LT.	CHISELED "X"
AAVE3002	3RDAVE IL	3021+69.44	52.90 LT.	CHISELED "X"
B31000	3RDAVE IL	3002+88.21	42.27 LT.	CHISELED "X"
B31001	3RDAVE IL	3005+50.58	65.29 LT.	CHISELED "X"
B31002	3RDAVE IL	3004+19.75	43.99 RT.	CHISELED "X"
B31003	3RDAVE IL	3013+54.38	52.59 RT.	CHISELED "X"
B31005	3RDAVE IL	3015+20.66	43.20 LT.	CHISELED "X"
BAVE3001	3RDAVE IL	OFF CHAIN		CHISELED "X"
BAVE3002	3RDAVE IL	3021+68.81	31.68 RT.	CHISELED "X"
BRRDG2	3RDAVE IL	3012+56.40	14.11 LT.	CHISELED "X"
C31000	3RDAVE IL	3002+38.31	40.43 LT.	CHISELED "X"
C31001	3RDAVE IL	3004+42.88	48.26 LT.	CHISELED "X"
C31003	3RDAVE IL	3014+14.34	53.17 RT.	CHISELED "X"
C31005	3RDAVE IL	3014+04.69	46.76 LT.	CHISELED "X"
CAVE3001	3RDAVE IL	3000+03.39	38.35 RT.	PK NAIL
CAVE3002	3RDAVE IL	OFF CHAIN		CHISELED "X"
CRRDG2	3RDAVE IL	3012+23.96	41.01 RT.	CHISELED "X"



DETAILS OF REFERENCE INFORMATION
 All References are Plumb Distances unless otherwise noted.

ILLINOIS BENCHMARKS:

- No. 535 CUT "X" IN CONC. BASE----- 570.053
- No. 583 SET CHISELED "X" ON WEST SIDE OF EASTERLY TRAFFIC SIGNAL MAST ARM----- 570.128

DATUM INFORMATION

THE DATUM PLANE FOR THIS SURVEY IS RELATIVE TO N.A.V.D. 88 DATUM. IN IOWA BENCHES WERE RUN FROM NGS BENCHMARK "DAVENPORT" TO NGS BENCHMARK "F 70 RESET". IN ILLINOIS A BENCH CHECK WAS RUN FROM NGS BENCHMARK "W 52" TO NGS BENCHMARK "Z 52", THEN DATUM WAS CARRIED SOUTH TO THE END OF PROJECT.

ALL CONTROL POINT COORDINATES SHOWN ARE LOCAL PROJECT PLANE (GROUND) COORDINATES.
 CONVERSION EQUATION GRID TO GROUND: GROUND COORD = (STATE PLANE - HOLD POINT) 1/GRID FACTOR + HOLD POINT
 CONVERSION EQUATION GROUND TO GRID: GRID COORD = (GROUND - HOLD POINT) GRID FACTOR + HOLD POINT

HOLD POINT = G021 NORTH EAST GRID FACTOR 1/GRID FACTOR
 580322.54 2455353.37 0.999936506 1.000063498

- LEGEND:
- - SET P.K. NAIL
 - X - SET CHIS. "X"
 - - SET 5/8" REBAR
 - ▲ - CONTROL POINT
 - - ALIGNMENT POINT