64533

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	130-M	BOONE	114	23
STA. _____		TO STA. _____		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

EXISTING HORIZONTAL & VERTICAL CONTROL

Chain EXIL173 contains:
10 CUR 200 14

Beginning chain EXIL173 description
==========

Point 10 N 2,080,722.0200 E 2,658,089.2320 Sta 170+00.00

Course from 10 to PC 200 88° 17′ 10.1576″ Dist 1,330.2548′

Curve Data

Curve 200
P.I. Station 187+90.41 N 2,080,775.5673 E 2,659,878.8441
Delta = 1° 13′ 16.6085″ (RT)
Degree = 0° 07′ 57.7460″
Tangent = 460.1583′
Length = 920.2817′
Radius = 43,174.5797′
External = 2.4521′
Long Chord = 920.2643′
Mid. Ord. = 2.4520′
P.C. Station 183+30.25 N 2,080,761.8050 E 2,659,418.8917
P.T. Station 192+50.54 N 2,080,779.5232 E 2,660,338.9854
C.C. N 2,037,606.5389 E 2,660,710.1475

Course from PT 200 to 14 89° 30′ 26.7660″ Dist 2,498.1279′

Point 14 N 2,080,800.9990 E 2,662,837.0210 Sta 217+48.66

==========
Ending chain EXIL173 description

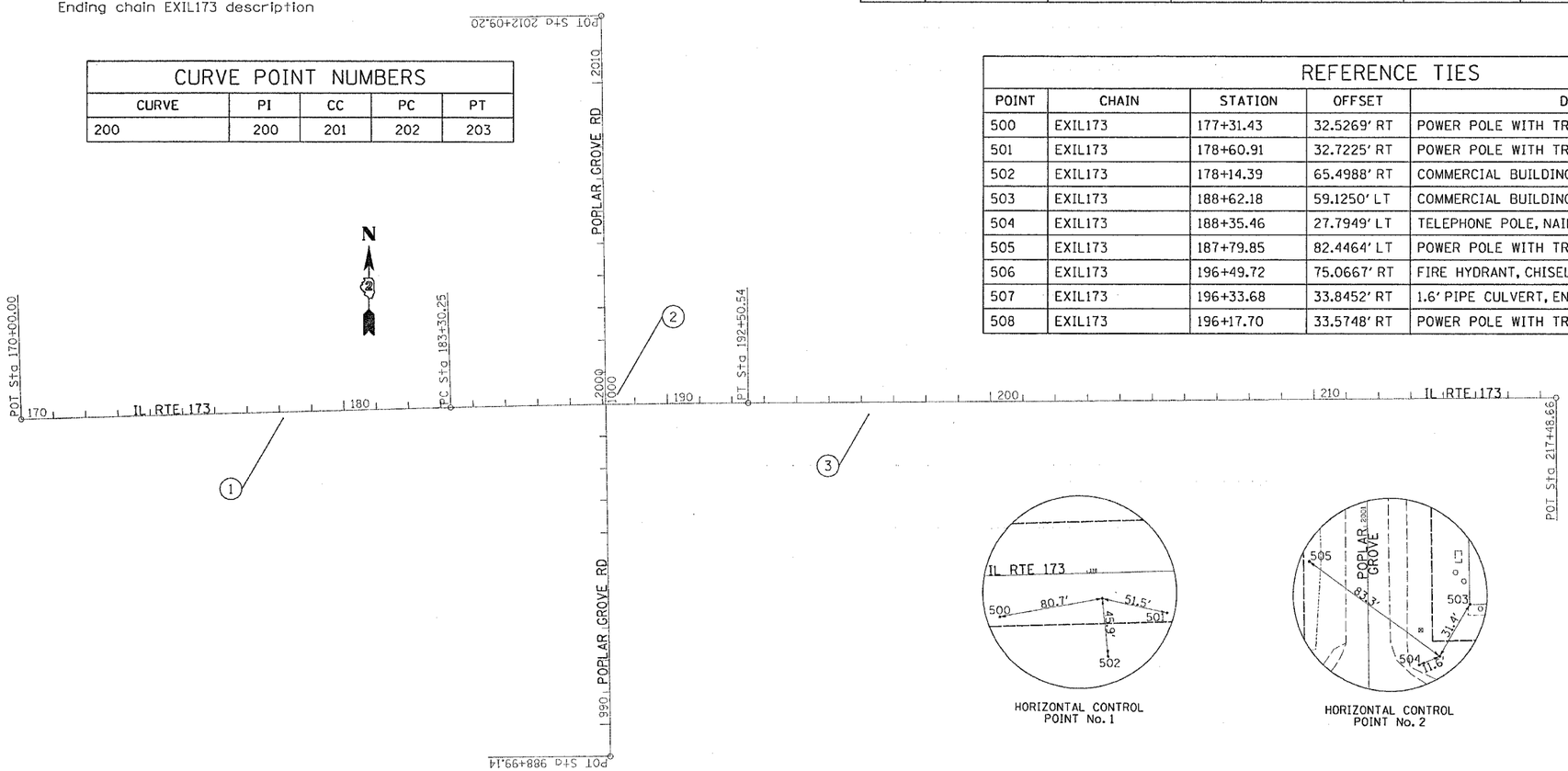
CURVE POINT NUMBERS				
CURVE	PI	CC	PC	PT
200	200	201	202	203

SURVEY WORK POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
103	2080716.8940	2659476.2870	907.1730	EXIL173	183+86.34	46.5711′ RT	SURVEY POINT, NAIL

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
401	2080684.9760	2658912.6490	912.1060	EXIL173	178+21.94	61.6540′ RT	SIDEWALK EDGE, CROSS CUT
402	2080808.0030	2660036.6190	911.1380	EXIL173	189+48.65	32.1344′ LT	BOLT, TOP
403	2080747.9610	2660590.8090	911.6560	EXIL173	195+02.08	33.7259′ RT	POWER POLE, RAILROAD SPIKE

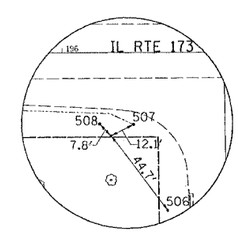
HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1	2080726.6140	2658900.5880	911.7830	EXIL173	178+11.13	19.6739′ RT	GPS CONTROL POINT, PIN
2	2080806.2770	2659934.0750	910.1100	EXIL173	188+46.17	32.1288′ LT	GPS CONTROL POINT, PIN
3	2080743.4650	2660711.7600	907.6810	EXIL173	196+22.99	39.2615′ RT	GPS CONTROL POINT, PIN

REFERENCE TIES				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
500	EXIL173	177+31.43	32.5269′ RT	POWER POLE WITH TRANSFORMER, NAIL
501	EXIL173	178+60.91	32.7225′ RT	POWER POLE WITH TRANSFORMER, NAIL
502	EXIL173	178+14.39	65.4988′ RT	COMMERCIAL BUILDING, CORNER
503	EXIL173	188+62.18	59.1250′ LT	COMMERCIAL BUILDING, CORNER
504	EXIL173	188+35.46	27.7949′ LT	TELEPHONE POLE, NAIL
505	EXIL173	187+79.85	82.4464′ LT	POWER POLE WITH TRANSFORMER, NAIL
506	EXIL173	196+49.72	75.0667′ RT	FIRE HYDRANT, CHISELED "X"
507	EXIL173	196+33.68	33.8452′ RT	1.6′ PIPE CULVERT, END
508	EXIL173	196+17.70	33.5748′ RT	POWER POLE WITH TRANSFORMER, NAIL



HORIZONTAL CONTROL
POINT No. 1

HORIZONTAL CONTROL
POINT No. 2



HORIZONTAL CONTROL
POINT No. 3

FILE NAME = $FILE$
LEVELS = $LEVELS$
PLOT SCALE = $PLOTSCALE$
PLOT DATE = Mon Aug 23 14:25:49 2004
USER NAME = LILLY - PROGRAM DEVELOPMENT/PLANS
REF =
REF =
REF =
REF =

ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING HORIZONTAL & VERTICAL CONTROL