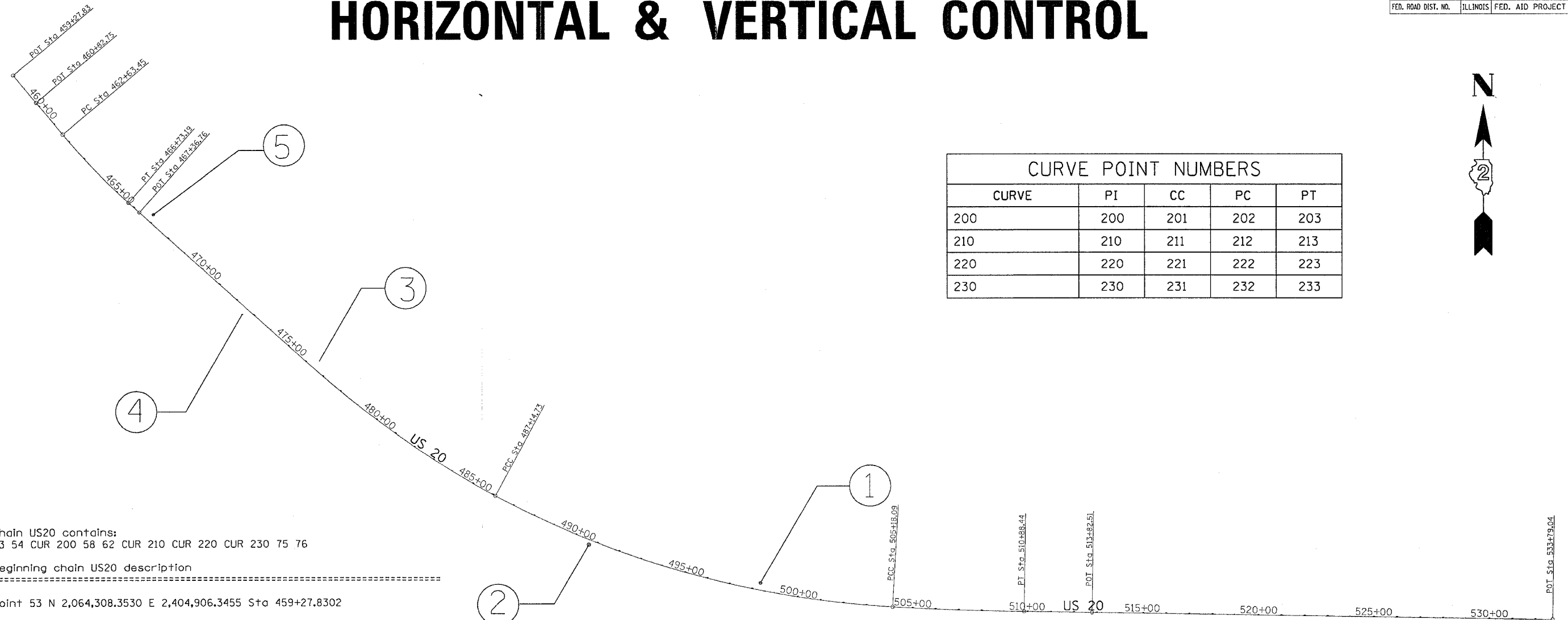


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T	STEPHENSON	49	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

HORIZONTAL & VERTICAL CONTROL



CURVE POINT NUMBERS				
CURVE	PI	CC	PC	PT
200	200	201	202	203
210	210	211	212	213
220	220	221	222	223
230	230	231	232	233

Chain US20 contains:
53 54 CUR 200 58 62 CUR 210 CUR 220 CUR 230 75 76

Beginning chain US20 description
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Point 53 N 2,064,308.3530 E 2,404,906.3455 Sta 459+27.8302

COURSE FROM 53 TO 54 140° 04' 10.578" DIST 154.9194'

Point 54 N 2,064,189.5570 E 2,405,005.7815 Sta 460+82.7496

COURSE FROM 54 TO PC 200 140° 04' 10.578" DIST 180.6965'

Curve Data

Curve 200
P.I. Station 464+68.6680 N 2,063,893.6252 E 2,405,253.4858
DELTA = 8° 11' 40.115" (LT)
DEGREE = 1° 59' 59.646"
Tangent = 205.2219'
Length = 409.7440'
Radius = 2,864.9300'
External = 7.3409'
Long Chord = 409.3949'
Mid. Ord. = 7.3221'
P.C. Station 462+63.4461 N 2,064,050.9944 E 2,405,121.7627
P.T. Station 466+73.1901 N 2,063,756.6376 E 2,405,406.2943
C.C. N 2,065,889.8684 E 2,407,318.6620

COURSE FROM PT 200 TO 58 131° 52' 30.463" DIST 63.5745'

Point 58 N 2,063,714.2010 E 2,405,453.6320 Sta 467+36.7646

COURSE FROM 58 TO 62 131° 52' 30.463" DIST 865.4597'

Point 62 N 2,063,136.4985 E 2,406,098.0545 Sta 476+02.2243

COURSE FROM 62 TO PC 210 131° 52' 30.463" DIST 139.8292'

Curve Data

Curve 210
P.I. Station 482+30.6089 N 2,062,717.0459 E 2,406,565.9505
DELTA = 13° 21' 56.921" (LT)
DEGREE = 1° 22' 26.862"
Tangent = 488.5554'
Length = 972.6756'
Radius = 4,169.6091'
External = 28.5246'
Long Chord = 970.4717'
Mid. Ord. = 28.3308'
P.C. Station 477+42.0535 N 2,063,043.1612 E 2,406,202.1715
P.T. Station 487+14.7292 N 2,062,483.8576 E 2,406,995.2634
C.C. N 2,066,147.8579 E 2,408,985.4247

Curve Data

Curve 220
P.I. Station 496+31.3045 N 2,062,046.3747 E 2,407,800.6943
DELTA = 25° 15' 39.786" (LT)
DEGREE = 1° 24' 02.798"
Tangent = 916.5753'
Length = 1,803.3596'
Radius = 4,090.2847'
External = 101.4380'
Long Chord = 1,788.7891'
Mid. Ord. = 98.9832'
P.C. Station 487+14.7292 N 2,062,483.8576 E 2,406,995.2634
P.T. Station 505+18.0887 N 2,061,994.4392 E 2,408,715.7970
C.C. N 2,066,078.1524 E 2,408,947.5631

Curve Data

Curve 230
P.I. Station 508+03.3040 N 2,061,978.2782 E 2,409,000.5541
DELTA = 2° 22' 45.352" (LT)
DEGREE = 0° 25' 01.775"
Tangent = 285.2153'
Length = 570.3486'
Radius = 13,734.7346'
External = 2.9611'
Long Chord = 570.3076'
Mid. Ord. = 2.9604'
P.C. Station 505+18.0887 N 2,061,994.4392 E 2,408,715.7970
P.T. Station 510+88.4373 N 2,061,973.9525 E 2,409,285.7366
C.C. N 2,075,707.1074 E 2,409,494.0423

COURSE FROM PT 230 TO 75 90° 52' 08.403" DIST 294.0722'

Point 75 N 2,061,969.4925 E 2,409,579.7750 Sta 513+82.5096

COURSE FROM 75 TO 76 90° 52' 08.404" DIST 1,996.5256'

Point 76 N 2,061,939.2125 E 2,411,576.0710 Sta 533+79.0352

Ending chain US20 description