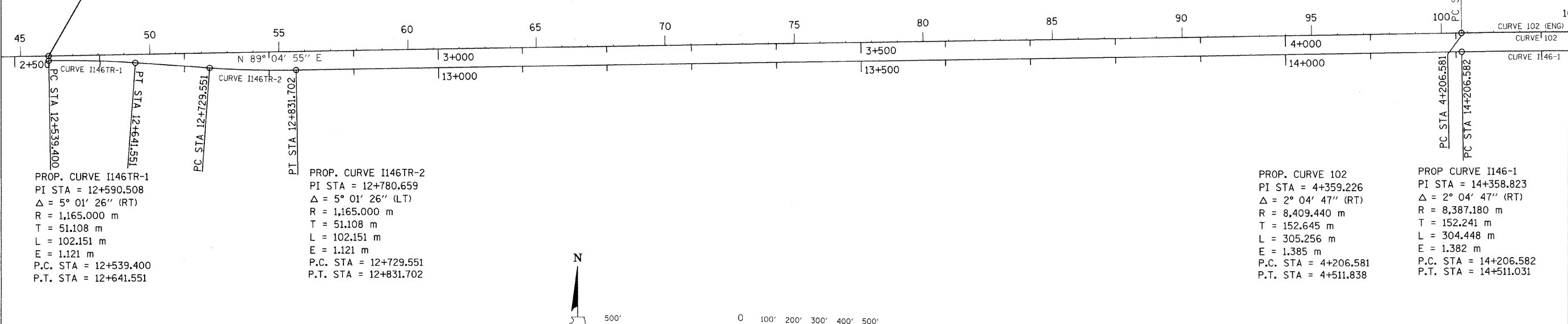


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	101-2(RS-1,N-1)	ALEXANDER	189	36
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CURVE 102 (ENG)
 PI Sta 105+77.24
 D = 2° 04' 35.26" RT
 Δ = 0° 12' 27.61"
 L = 999.8905'
 T = 500.0000'
 R = 27,589.9707'
 PC Sta 100+77.24
 PT Sta 110+77.13

PROJECT BEGINS
 STA. 46+06.92 WB IL146 ENGLISH=
 STA 2+539.4 WB IL 146 METRIC=
 STA 12+539.4 (18.44', 5.620m RT.) EB IL 146 METRIC

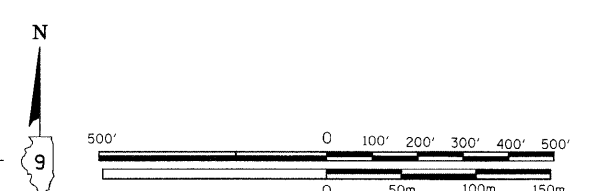


PROP. CURVE I146TR-1
 PI STA = 12+590.508
 Δ = 5° 01' 26" (RT)
 R = 1,165.000 m
 T = 51.108 m
 L = 102.151 m
 E = 1.121 m
 P.C. STA = 12+539.400
 P.T. STA = 12+641.551

PROP. CURVE I146TR-2
 PI STA = 12+780.659
 Δ = 5° 01' 26" (LT)
 R = 1,165.000 m
 T = 51.108 m
 L = 102.151 m
 E = 1.121 m
 P.C. STA = 12+729.551
 P.T. STA = 12+831.702

PROP. CURVE 102
 PI STA = 4+359.226
 Δ = 2° 04' 47" (RT)
 R = 8,409.440 m
 T = 152.645 m
 L = 305.256 m
 E = 1.385 m
 P.C. STA = 4+206.581
 P.T. STA = 4+511.838

PROP CURVE I146-1
 PI STA = 14+358.823
 Δ = 2° 04' 47" (RT)
 R = 8,387.180 m
 T = 152.241 m
 L = 304.448 m
 E = 1.382 m
 P.C. STA = 14+206.582
 P.T. STA = 14+511.031



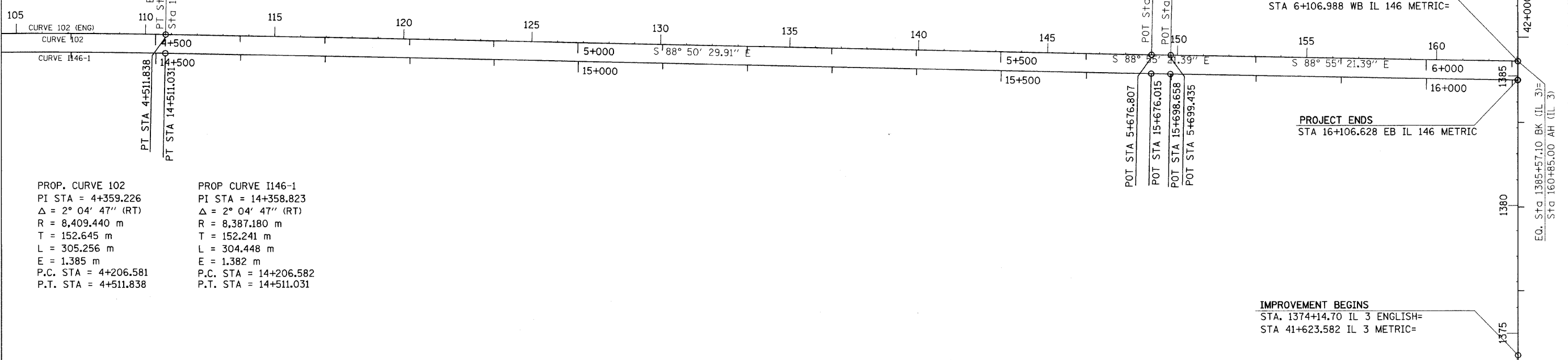
PI Sta 105+77.24
 D = 2° 04' 35.26" RT
 Δ = 0° 12' 27.61"
 L = 999.8905'
 T = 500.0000'
 R = 27,589.9707'
 PC Sta 100+77.24
 PT Sta 110+77.13

IMPROVEMENT ENDS
 STA. 169+15.80 IL3 ENGLISH=
 STA 42+225 IL 3 METRIC=

PROJECT ENDS
 STA. 163+11.12 WB IL146 ENGLISH=
 STA 6+106.988 WB IL 146 METRIC=

PROJECT ENDS
 STA 16+106.628 EB IL 146 METRIC

IMPROVEMENT BEGINS
 STA. 1374+14.70 IL 3 ENGLISH=
 STA 41+623.582 IL 3 METRIC=



PROP. CURVE 102
 PI STA = 4+359.226
 Δ = 2° 04' 47" (RT)
 R = 8,409.440 m
 T = 152.645 m
 L = 305.256 m
 E = 1.385 m
 P.C. STA = 4+206.581
 P.T. STA = 4+511.838

PROP CURVE I146-1
 PI STA = 14+358.823
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 R = 8,387.180 m
 T = 152.241 m
 L = 304.448 m
 E = 1.382 m
 P.C. STA = 14+206.582
 P.T. STA = 14+511.031

PLOT DATE = 9/16/2009
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 USER NAME = Kranz,je

ENGLISH ALIGNMENT LAYOUT