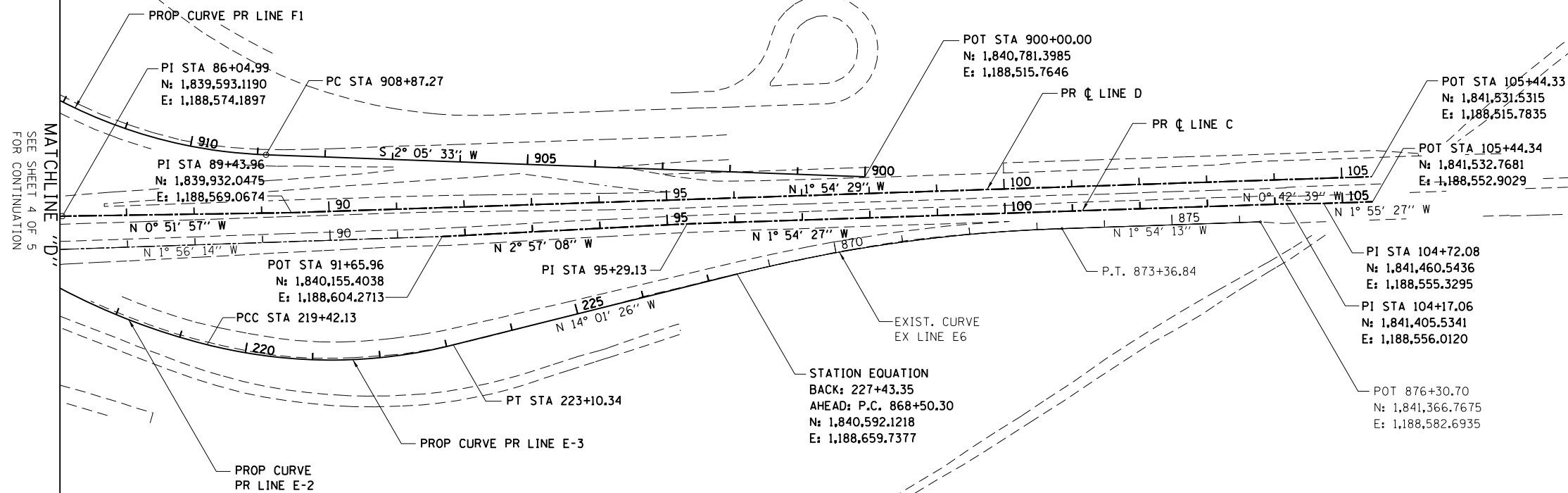


PROP. CURVE PR.LINE.F1
 PI STA. = 911+65.47
 N: 1,839,616.7069
 E: 1,188,473.2094
 Δ = 42° 11' 54" (RT)
 D = 7° 56' 48"
 R = 721.00'
 T = 278.20'
 L = 531.02'
 E = 51.81'
 e = 6.0%
 T.R. = N/A
 S.E. RUN = 118.05'
 S.R. STA 908+28.25 TO
 STA 909+46.30
 P.C. STA = 908+87.27
 N: 1,839,894.7208
 E: 1,188,483.3676
 P.T. STA = 914+18.29
 N: 1,839,417.5709
 E: 1,188,278.9425
 DS = 45 MPH

EXIST. CURVE EX.LINE.E6
 PI STA. = 870+94.48
 Δ = 12° 07' 13" (RT)
 D = 2° 29' 28"
 R = 2,300.00'
 T = 244.18'
 L = 486.54'
 E = 12.93'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 868+50.30
 N: 1,840,592.1218
 E: 1,188,659.7377
 P.T. STA. = 873+36.84
 N: 1,841,073.0720
 E: 1,188,592.4548
 DS = 45 MPH

PROP. CURVE PR.LINE.E-2
 PI STA. = 215+44.60
 N: 1,839,364.3149
 E: 1,188,652.8312
 Δ = 50° 17' 52" (LT)
 D = 5° 53' 10"
 R = 973.42'
 T = 457.00'
 L = 854.53'
 E = 101.94'
 e = 5.6%
 T.R. = N/A
 S.E. RUN = 5.92' & 11.84'
 P.C. STA = 210+87.60
 N: 1,839,167.0120
 E: 1,188,240.6225
 P.T. STA = 219+42.13
 N: 1,839,807.4945
 E: 1,188,764.3492
 DS = 45 MPH

PROP. CURVE PR.LINE.E-3
 PI STA. = 221+30.03
 N: 1,839,989.7147
 E: 1,188,810.2016
 Δ = 28° 08' 53" (LT)
 D = 7° 38' 40"
 R = 749.50'
 T = 187.90'
 L = 368.21'
 E = 23.19'
 e = 6.0%
 T.R. = 59.20'
 S.E. RUN = 177.60'
 S.R. STA 222+51.14 TO
 STA 224+87.94
 P.C. STA = 219+42.13
 N: 1,839,807.4945
 E: 1,188,764.3492
 P.T. STA = 223+10.34
 N: 1,840,172.0148
 E: 2,299,764.6683
 DS = 45 MPH



MATCHLINE "D"
 SEE SHEET 4 OF 5
 FOR CONTINUATION

NOTES:
 T.R. = TANGENT RUNOUT
 S.E. RUN = SUPERELEVATION RUNOFF
 S.A. (SUPERELEVATION OBTAINED) IS THE SUM OF T.R. AND S.E. RUN
 S.R. (SUPERELEVATION REMOVED) IS THE SUM OF T.R. AND S.E. RUN

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 Chicago, Illinois
 312.228.0100
 www.bbandainc.com



FILE NAME =	USER NAME = default	DESIGNED - JG	REVISED -
*FILE#		DRAWN - JG	REVISED -
	PLOT SCALE = *SCALE*	CHECKED - OC	REVISED -
	PLOT DATE = 3/29/2013	DATE - 03/29/2013	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=100' SHEET NO. 5 OF 6 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	42
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				

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