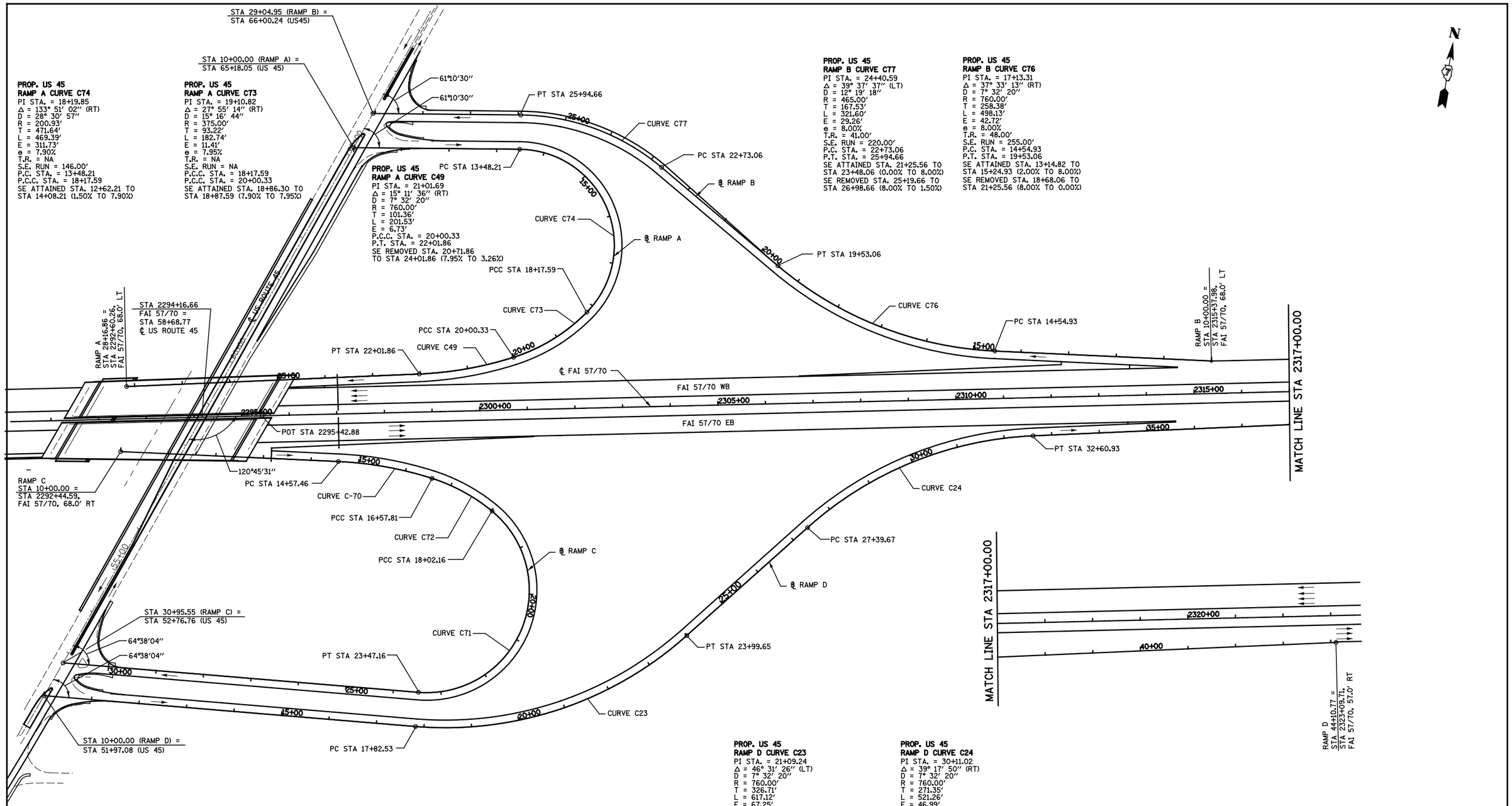

PROP. US 45
RAMP A CURVE C74
PI STA. = 18+19.85
Δ = 133° 51' 02" (RT)
D = 28° 30' 57"
R = 200.93'
T = 471.64'
L = 469.39'
E = 311.73'
e = 7.90%
T.R. = NA
S.E. RUN = 146.00'
P.C. STA. = 13+48.21
P.C.C. STA. = 18+17.59
SE ATTAINED STA. 12+62.21 TO
STA 14+08.21 (1.50% TO 7.90%)

PROP. US 45
RAMP A CURVE C73
PI STA. = 19+10.82
Δ = 27° 55' 14" (RT)
D = 15° 16' 44"
R = 375.00'
T = 93.22'
L = 182.74'
E = 11.41'
e = 7.95%
T.R. = NA
S.E. RUN = NA
P.C.C. STA. = 18+17.59
P.C.C. STA. = 20+00.33
SE ATTAINED STA. 18+86.30 TO
STA 18+87.59 (7.90% TO 7.95%)

PROP. US 45
RAMP A CURVE C49
PI STA. = 21+01.69
Δ = 15° 11' 36" (RT)
D = 7° 32' 20"
R = 760.00'
T = 101.36'
L = 201.53'
E = 6.73'
P.C.C. STA. = 20+00.33
P.T. STA. = 22+01.86
SE REMOVED STA. 20+71.86
TO STA 24+01.86 (7.95% TO 3.26%)

PROP. US 45
RAMP B CURVE C77
PI STA. = 24+40.59
Δ = 39° 37' 37" (LT)
D = 12° 19' 18"
R = 465.00'
T = 167.53'
L = 321.60'
E = 29.26'
e = 8.00%
T.R. = 41.00'
S.E. RUN = 220.00'
P.C. STA. = 22+73.06
P.T. STA. = 25+94.66
SE ATTAINED STA. 21+25.56 TO
STA 23+48.06 (0.00% TO 8.00%)
SE REMOVED STA. 25+19.66 TO
STA 26+98.66 (8.00% TO 1.50%)

PROP. US 45
RAMP B CURVE C76
PI STA. = 17+13.31
Δ = 37° 33' 13" (RT)
D = 7° 32' 20"
R = 760.00'
T = 258.38'
L = 498.13'
E = 42.72'
e = 8.00%
T.R. = 48.00'
S.E. RUN = 255.00'
P.C. STA. = 14+54.93
P.T. STA. = 19+53.06
SE ATTAINED STA. 13+14.82 TO
STA 15+24.93 (2.00% TO 8.00%)
SE REMOVED STA. 18+68.06 TO
STA 21+25.56 (8.00% TO 0.00%)

PROP. US 45
RAMP C CURVE C-70
PI STA. = 15+58.22
Δ = 15° 06' 14" (RT)
D = 7° 32' 20"
R = 760.00'
T = 100.76'
L = 200.35'
E = 6.65'
e = 8.00%
T.R. = NA
S.E. RUN = NA
P.C. STA. = 14+57.46
P.C.C. STA. = 16+57.81
SE ATTAINED STA. 13+16+37 TO
STA 15+27.46 (2.00% TO 8.00%)

PROP. US 45
RAMP C CURVE C72
PI STA. = 17+30.86
Δ = 21° 45' 53" (RT)
D = 15° 04' 40"
R = 380.00'
T = 73.06'
L = 144.35'
E = 6.96'
e = 8.00%
T.R. = NA
S.E. RUN = NA
P.C.C. STA. = 16+57.81
P.C.C. STA. = 18+02.16
SE REMOVED STA. 17+37.16 TO
STA 17+42.88 (8.00% TO 7.75%)

PROP. US 45
RAMP C CURVE C71
PI STA. = 24+89.03
Δ = 145° 14' 17" (RT)
D = 26° 38' 57"
R = 215.00'
T = 686.87'
L = 545.00'
E = 504.73'
e = 7.75%
T.R. = NA
S.E. RUN = 145.00'
P.C.C. STA. = 18+02.16
P.T. STA. = 23+47.16
SE REMOVED STA. 22+87.16 TO
STA 24+32.16 (7.75% TO 1.50%)

PROP. US 45
RAMP D CURVE C23
PI STA. = 21+09.24
Δ = 46° 31' 26" (LT)
D = 7° 32' 20"
R = 760.00'
T = 326.71'
L = 617.12'
E = 67.25'
e = 8.00%
T.R. = 48.00'
S.E. RUN = 255.00'
P.C. STA. = 17+82.53
P.T. STA. = 23+99.65
SE ATTAINED STA. 16+60.53 TO
STA 18+67.53 (1.50% TO 8.00%)
SE REMOVED STA. 23+14.65 TO
STA 25+69.66 (8.00% TO 0.00%)

PROP. US 45
RAMP D CURVE C24
PI STA. = 30+11.02
Δ = 39° 17' 50" (RT)
D = 7° 32' 20"
R = 760.00'
T = 271.35'
L = 521.26'
E = 46.99'
e = 8.00%
T.R. = 48.00'
S.E. RUN = 255.00'
P.C. STA. = 27+39.67
P.T. STA. = 32+60.93
SE ATTAINED STA. 25+69.66 TO
STA 28+24.67 (0.00% TO 8.00%)
SE REMOVED STA. 31+30.93 TO
STA 34+60.93 (8.00% TO 3.26%)

FILE NAME = S:\Projects\403-00072,57-70\dgn\N TrLv\geoU545.dgn	USER NAME = $USER$	DESIGNED - JWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERCHANGE LAYOUT FAI 57/70 AT US ROUTE 45	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - PDB	REVISED -			55/70	(25-4)R	EFFINGHAM	1760 / 299
	PLOT SCALE = $SCALE$	CHECKED - BRM	REVISED -					CONTRACT NO. 74295	
	PLOT DATE = $DATE$	DATE - 5-25-08	REVISED -		SCALE: 1"=100' / SHEET NO. 1 OF 1 SHEETS / STA. 2291+00.00 TO STA. 2323+00.00	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	