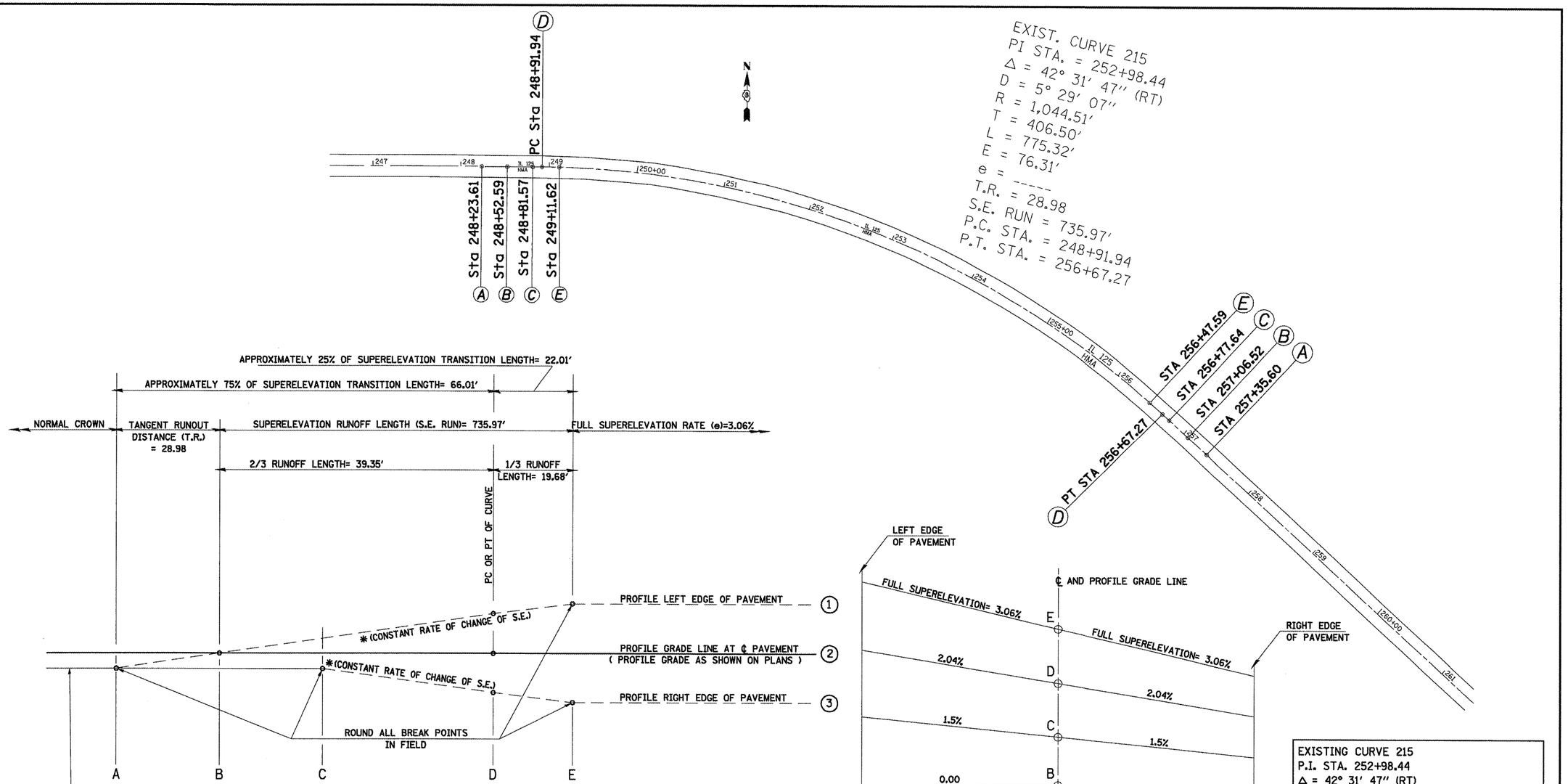

TYPICAL PROFILE - S.E. TRANSITION

TYPICAL CROSS SECTION - S.E. TRANSITION

EXISTING CURVE 215
P.I. STA. 252+98.44
Δ = 42° 31′ 47″ (RT)
D = D = 5° 29′ 07″
T = 406.50′
R = 1,044.51′
L = 775.32′
E = 76.31′
FULL S.E. = 3.06%
P.C. STA. 248+91.94
P.T. STA. 256+67.27
e= SUPERELEVATION RATE IN PERCENT=3.06%
T.R.= TANGENT RUNOUT DISTANCE=28.98
S.E. RUN=SUPERELEVATION RUNOFF LENGTH=735.97′

TABLE OF SUPERELEVATION BREAK POINT LOCATIONS

CURVE NO.	e	A	B	C	D	E	TRANSITION
215	6%	248+23.61	248+52.59	248+81.57	248+91.94 (pc)	249+11.62	Trans. In
CURVE NO.	e	E	D	C	B	A	TRANSITION
215	6%	256+47.59	256+67.27 (pt)	256+77.64	257+06.62	257+35.60	Trans. Out

FILE NAME = c:\pw_work\PWIDOT\COXTE\dms84394\sht-details.dgn	USER NAME = coxte	DESIGNED - RTS	REVISED -
		DRAWN - RTS	REVISED -
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = Dec-18-2009 04:49:30PM	DATE - 11/19/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DETAILS

SCALE: | SHEET NO. 2 OF 2 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	105(RS-6), 106(RS-4)	CASS/SANG.	88	50
		CONTRACT NO. 72C49		
		ILLINOIS FED. AID PROJECT		