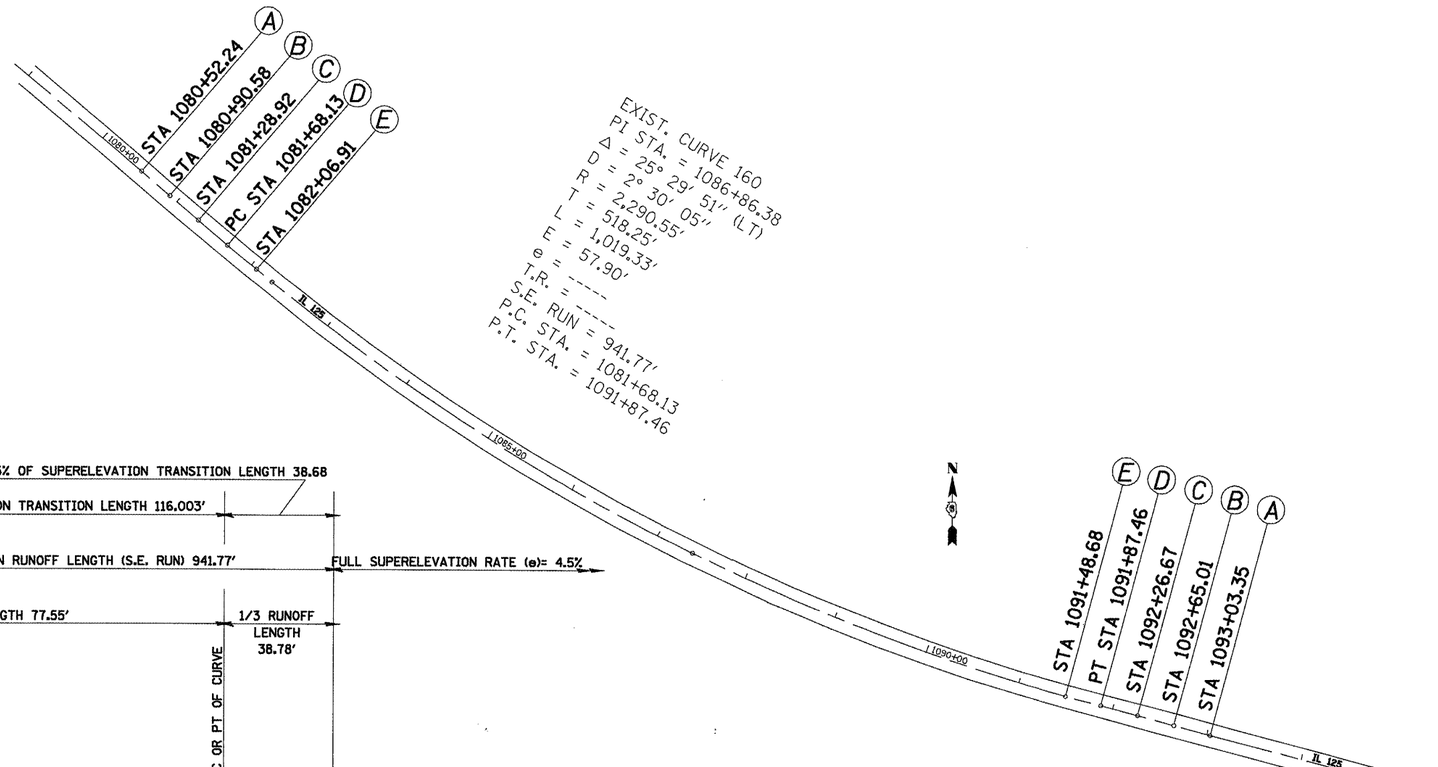
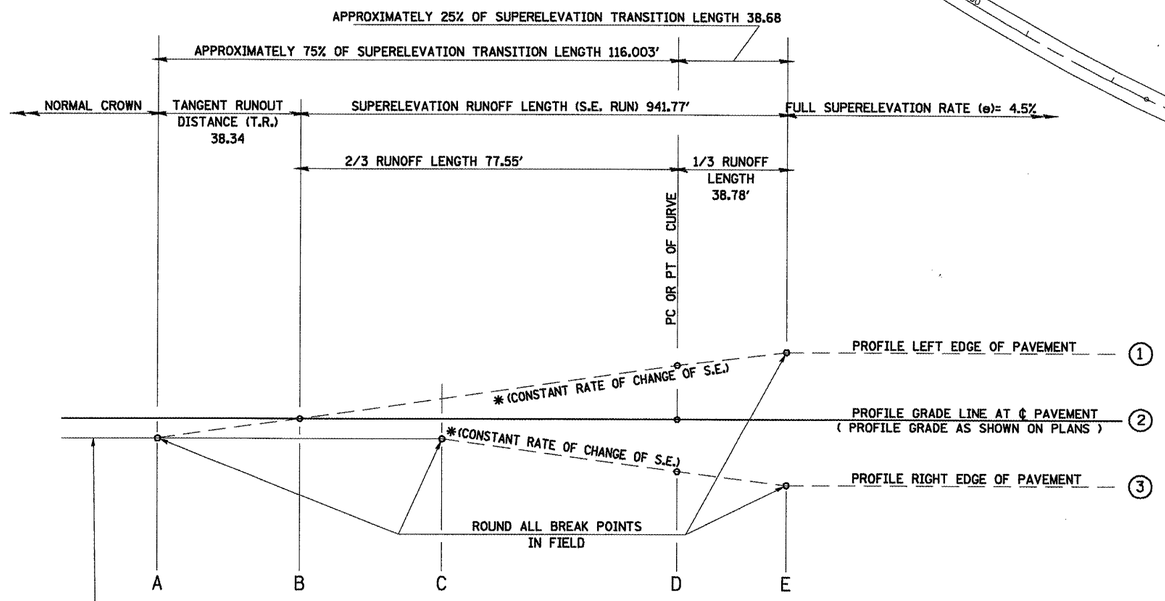
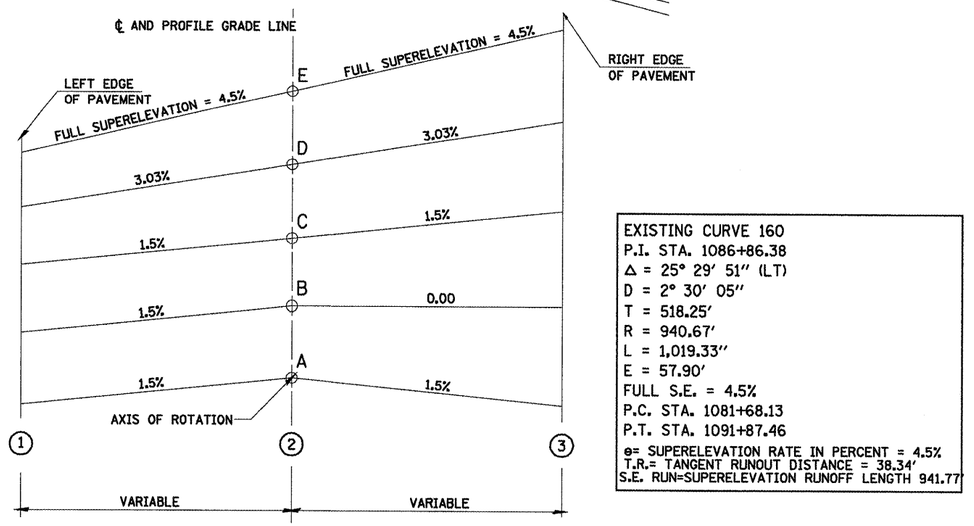




TYPICAL PROFILE - S.E. TRANSITION

TABLE OF SUPERELEVATION BREAK POINT LOCATIONS							
CURVE NO.	e	A	B	C	D	E	TRANSITION
160	6%	1080+52.24	1080+90.58	1081+28.92	1081+68.13 (pc)	1082+06.91	Trans. In
CURVE NO.	e	E	D	C	B	A	TRANSITION
160	6%	1091+48.68	1091+87.46 (pt)	1092+26.67	1092+65.01	1093+03.35	Trans. Out



TYPICAL CROSS SECTION - S.E. TRANSITION

EXISTING CURVE 160
P.I. STA. 1086+86.38
Δ = 25° 29′ 51″ (LT)
D = 2° 30′ 05″
T = 518.25′
R = 940.67′
L = 1,019.33″
E = 57.90′
FULL S.E. = 4.5%
P.C. STA. 1081+68.13
P.T. STA. 1091+87.46
e= SUPERELEVATION RATE IN PERCENT = 4.5%
T.R.= TANGENT RUNOUT DISTANCE = 38.34′
S.E. RUN=SUPERELEVATION RUNOFF LENGTH 941.77′

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 04:49:28PM	DATE - 11/19/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DETAILS

SCALE: | SHEET NO. 1 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	49
		CONTRACT NO. 72C49		
	ILLINOIS FED. AID PROJECT			