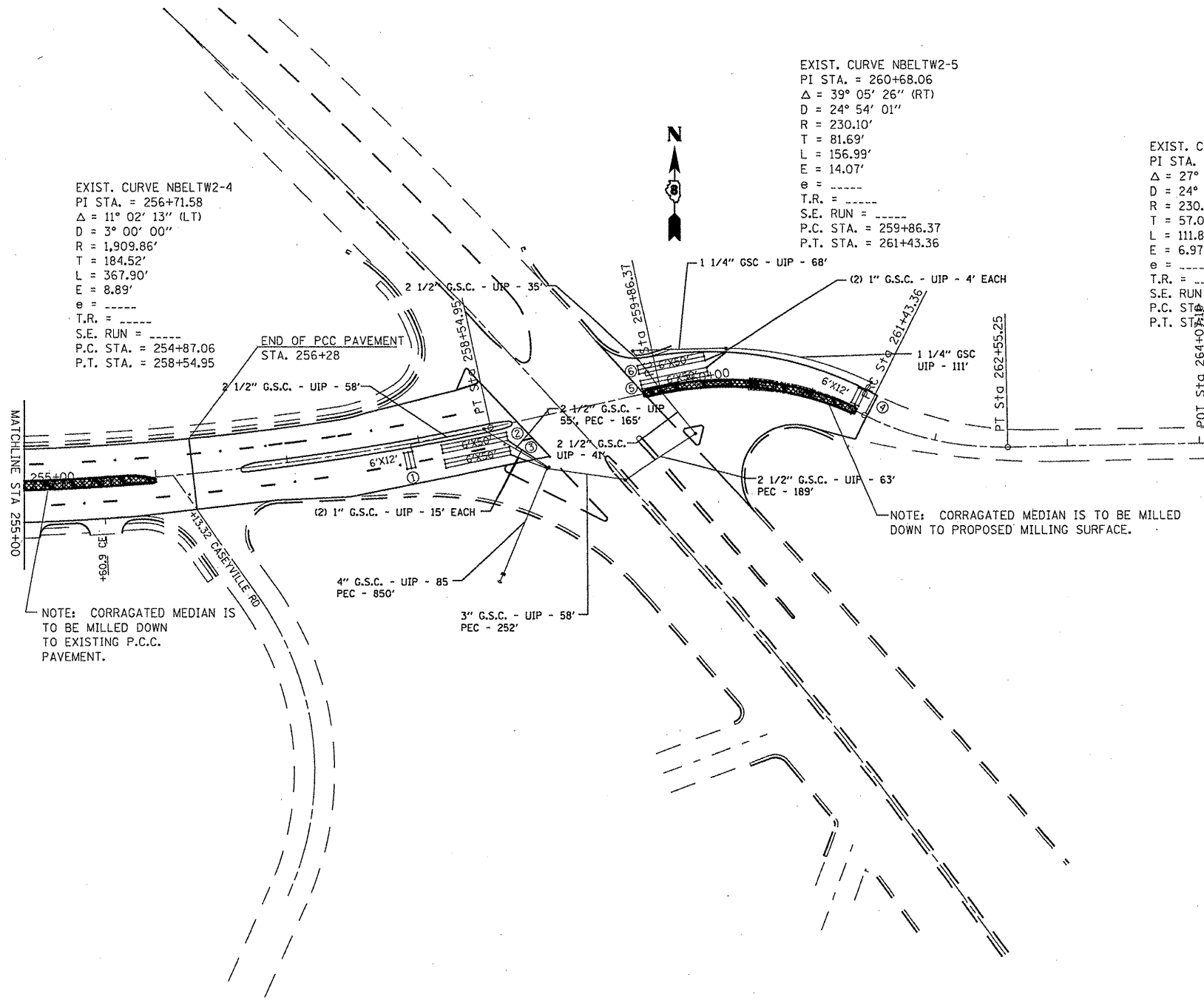


EXIST. CURVE NBELTW2-4  
 PI STA. = 256+71.58  
 $\Delta = 11^\circ 02' 13''$  (LT)  
 $D = 3^\circ 00' 00''$   
 $R = 1,909.86'$   
 $T = 184.52'$   
 $L = 367.90'$   
 $E = 8.89'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 254+87.06$   
 $P.T. STA. = 258+54.95$

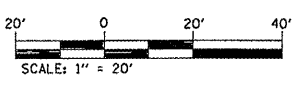
EXIST. CURVE NBELTW2-5  
 PI STA. = 260+68.06  
 $\Delta = 39^\circ 05' 26''$  (RT)  
 $D = 24^\circ 54' 01''$   
 $R = 230.10'$   
 $T = 81.69'$   
 $L = 156.99'$   
 $E = 14.07'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 259+86.37$   
 $P.T. STA. = 261+43.36$

EXIST. CURVE NBELTW2-6  
 PI STA. = 262+00.44  
 $\Delta = 27^\circ 51' 43''$  (LT)  
 $D = 24^\circ 54' 01''$   
 $R = 230.10'$   
 $T = 57.08'$   
 $L = 111.89'$   
 $E = 6.97'$   
 $e = \text{---}$   
 $T.R. = \text{---}$   
 $S.E. RUN = \text{---}$   
 $P.C. STA. = 261+43.36$   
 $P.T. STA. = 262+55.25$



NOTE: CORRUGATED MEDIAN IS TO BE MILLED DOWN TO EXISTING P.C.C. PAVEMENT.

NOTE: CORRUGATED MEDIAN IS TO BE MILLED DOWN TO PROPOSED MILLING SURFACE.



LOOP	PHASE (N)	FT. X FT.	CALCULATED INDUCTANCE MICROHENRIES ( $\frac{1}{4} H$ )	CALCULATED RESISTANCE OHMS ( $\Omega$ )	REQUIRED # OF TURNS
1. NB LT A CD	4	6 X 500	364.4	2.9	6
2. NB RT A CD	4	6 X 500	841.9	2.9	3-6-3
3. NB LT B CD	1	6 X 500	841.9	2.9	3-6-3
4. NB THRU CD	4	6 X 500	816.4	2.3	3-6-3
5. NB RT B CD	4	6 X 500	795.7	1.8	3-6-3

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETECTOR LOOPS REPLACEMENT PLAN NORTHBELT WEST @ IL 161</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -			9257	(28-1, 122-185-1	ST. CLAIR	43	41	
		CHECKED -	REVISED -			SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 76058			
		DATE -	REVISED -			FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT					