



EXIST CURVE US 51-4  
 PI STA = 302+31.11  
 $\Delta = 16^\circ 32' 31''$  (RT)  
 $D = 0^\circ 45' 00''$   
 $R = 7,639.44'$   
 $T = 1,110.53'$   
 $L = 2,205.60'$   
 $E = 80.30'$   
 $e = 3.36\%$   
 $TR = \text{-----}$   
 $SE \text{ RUN} = \text{-----}$   
 $PC \text{ STA} = 291+20.58$   
 $PT \text{ STA} = 313+26.18$

EXIST CURVE US 51-5  
 PI STA = 359+49.53  
 $\Delta = 9^\circ 28' 45''$  (RT)  
 $D = 0^\circ 45' 00''$   
 $R = 7,639.44'$   
 $T = 633.39'$   
 $L = 1,263.89'$   
 $E = 26.21'$   
 $e = 3.36\%$   
 $TR = \text{-----}$   
 $SE \text{ RUN} = \text{-----}$   
 $PC \text{ STA} = 353+16.14$   
 $PT \text{ STA} = 365+80.03$

STA 312+43.08 (US 51) =  
 STA 439+29.03 (C.H. 41)

PROJECT ENDS  
 STA. 367+40.00

FILE NAME = c:\pwork\pwork\SWARTZRW\0138944\07	USER NAME = swartzrw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ALIGNMENT DETAIL</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4158-shr-plan100.dgn	DRAWN -	REVISED -		322	(58,20)RS	MACON	151	23		
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			SCALE: NA    SHEET NO. 2 OF 2 SHEETS    STA.    TO STA.		CONTRACT NO. 74150				
PLOT DATE = 3/17/2010	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						