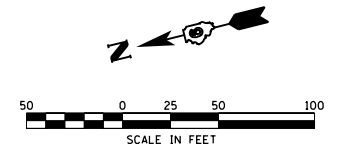
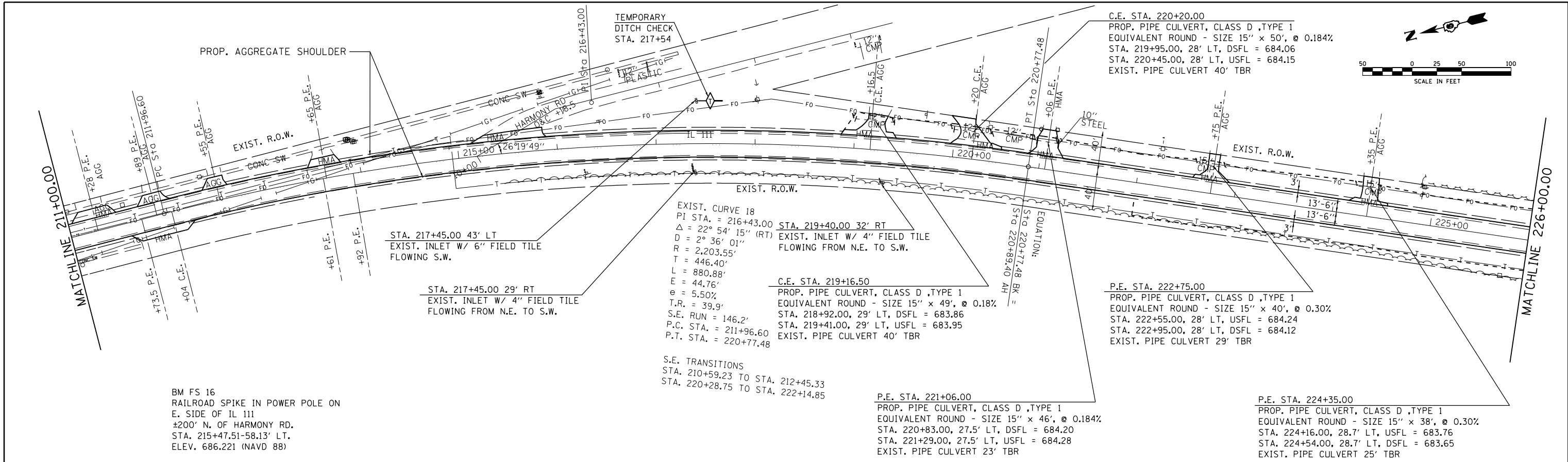


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CADD FILE NAME		



BM FS 16  
RAILROAD SPIKE IN POWER POLE ON  
E. SIDE OF IL 111  
±200' N. OF HARMONY RD.  
STA. 215+47.51-58.13' LT.  
ELEV. 686.221 (NAVD 88)

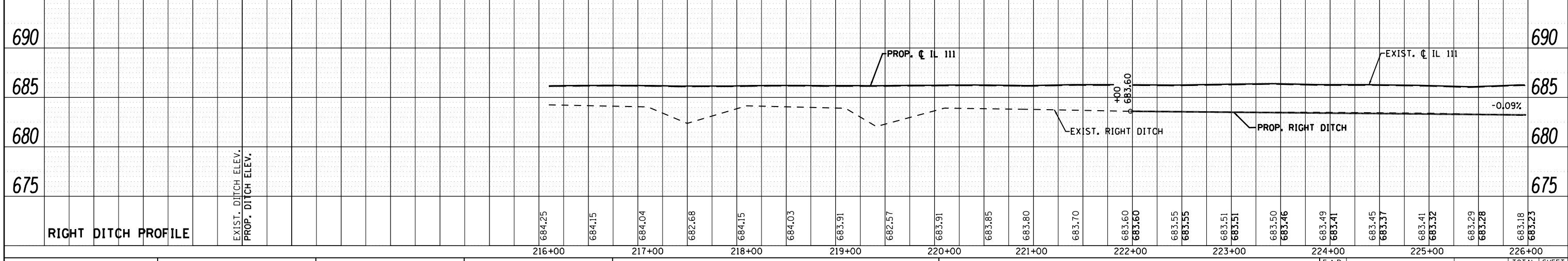
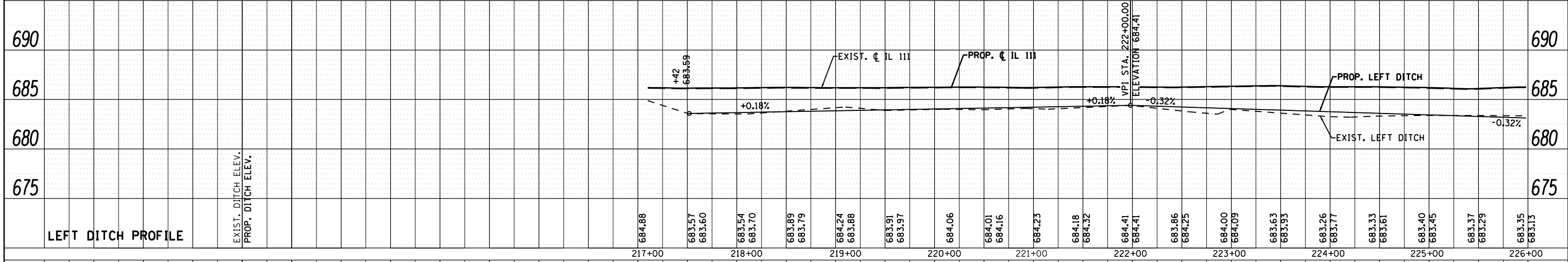
EXIST. CURVE 18  
PI STA. = 216+43.00  
 $\Delta = 22^\circ 54' 15''$  (RT)  
D = 2° 36' 01"  
R = 2,203.55'  
T = 446.40'  
L = 880.88'  
E = 44.76'  
 $\epsilon = 5.50\%$   
T.R. = 39.9'  
S.E. RUN = 146.2'  
P.C. STA. = 211+96.60  
P.T. STA. = 220+77.48

C.E. STA. 219+16.50  
PROP. PIPE CULVERT, CLASS D, TYPE 1  
EQUIVALENT ROUND - SIZE 15" x 49', @ 0.18%  
STA. 218+92.00, 29' LT, DSFL = 683.86  
STA. 219+41.00, 29' LT, USFL = 683.95  
EXIST. PIPE CULVERT 40' TBR

P.E. STA. 222+75.00  
PROP. PIPE CULVERT, CLASS D, TYPE 1  
EQUIVALENT ROUND - SIZE 15" x 40', @ 0.30%  
STA. 222+55.00, 28' LT, USFL = 684.24  
STA. 222+95.00, 28' LT, DSFL = 684.12  
EXIST. PIPE CULVERT 29' TBR

P.E. STA. 221+06.00  
PROP. PIPE CULVERT, CLASS D, TYPE 1  
EQUIVALENT ROUND - SIZE 15" x 46', @ 0.184%  
STA. 220+83.00, 27.5' LT, DSFL = 684.20  
STA. 221+29.00, 27.5' LT, USFL = 684.28  
EXIST. PIPE CULVERT 23' TBR

P.E. STA. 224+35.00  
PROP. PIPE CULVERT, CLASS D, TYPE 1  
EQUIVALENT ROUND - SIZE 15" x 38', @ 0.30%  
STA. 224+16.00, 28.7' LT, USFL = 683.76  
STA. 224+54.00, 28.7' LT, DSFL = 683.65  
EXIST. PIPE CULVERT 25' TBR



FILE NAME =	USER NAME = sparksq	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>				<b>PLAN &amp; PROFILE SHEET</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\sparksq\d0264327\0672848-shr-pln-pro 4.dgn		CHECKED -	REVISED -									608	12ORS-2 & 12IRS-4	MACOUPIN	69	31
PLOT SCALE = 100.0000' / in.		DRAWN -	REVISED -									CONTRACT NO. 72E48				
PLOT DATE = Dec-22-2011 10:28:22AM		CHECKED -	REVISED -									ILLINOIS FED. AID PROJECT				