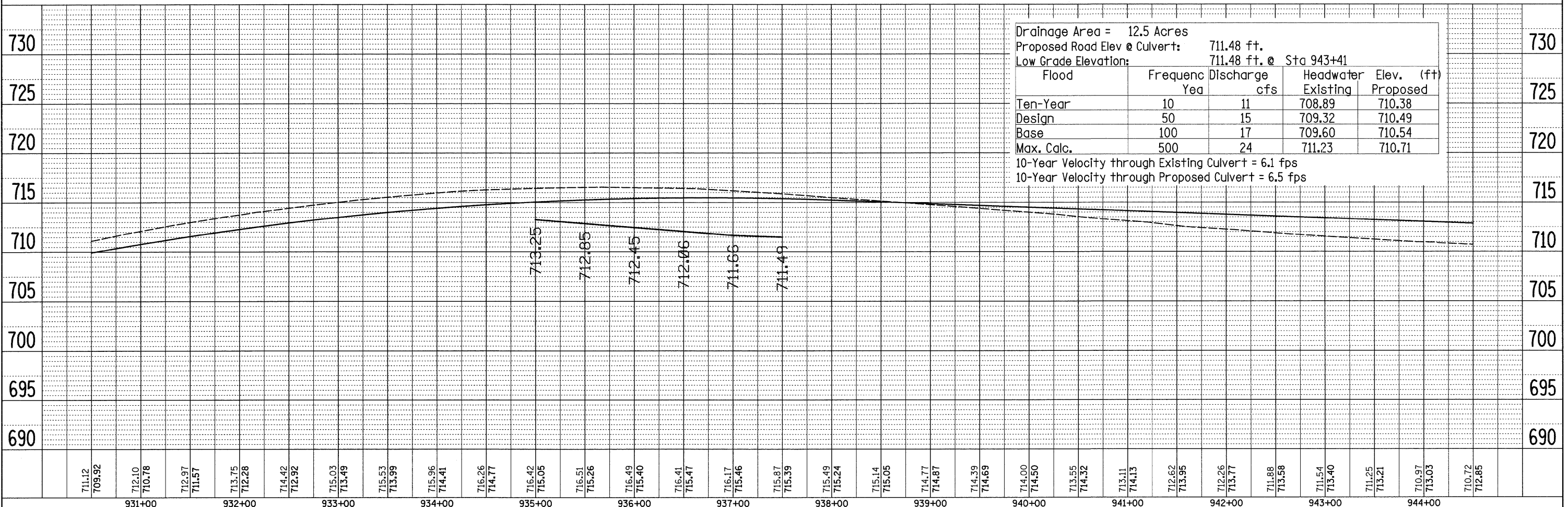
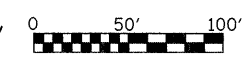
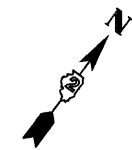
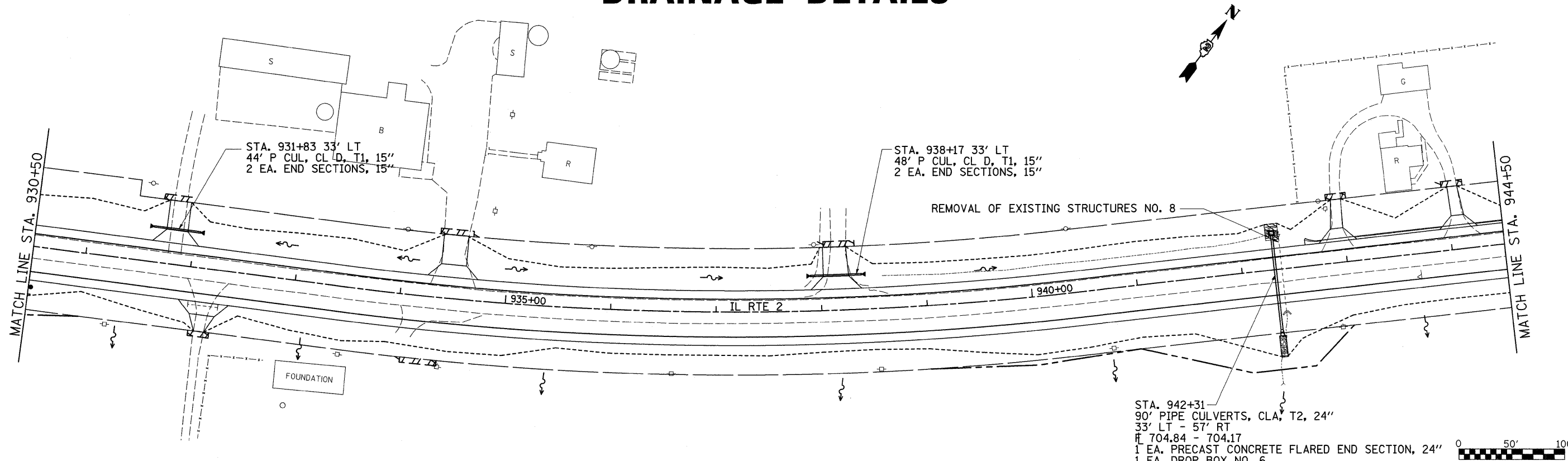


DRAINAGE DETAILS

PLAN	SURVEYED	DATE
	ALIGNED	BY
	CHECKED	
	NOTED	
	FILED	
	CADD FILE NAME	
	NO.	

PROFILE	GRADES CHECKED	DATE
	PLOTTED	BY
	FILED	
	NOTATIONS CHYD	
	NO.	



Drainage Area = 12.5 Acres				
Proposed Road Elev @ Culvert: 711.48 ft.				
Low Grade Elevation: 711.48 ft. @ Sta 943+41				
Flood	Frequenc Yea	Discharge cfs	Headwater Elev. (ft) Existing	Proposed
Ten-Year Design	10	11	708.89	710.38
Base	50	15	709.32	710.49
Max. Calc.	100	17	709.60	710.54
	500	24	711.23	710.71
10-Year Velocity through Existing Culvert = 6.1 fps				
10-Year Velocity through Proposed Culvert = 6.5 fps				

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\p\work\PWIDOT\GRANTPM\dms31213\d06608d-2.dgn		DRAWN -	REVISED -			742	37R-4	OGLE	867	341
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 64E17				
PLOT DATE = Tue Mar 30 10:33:50 2010		DATE -	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.