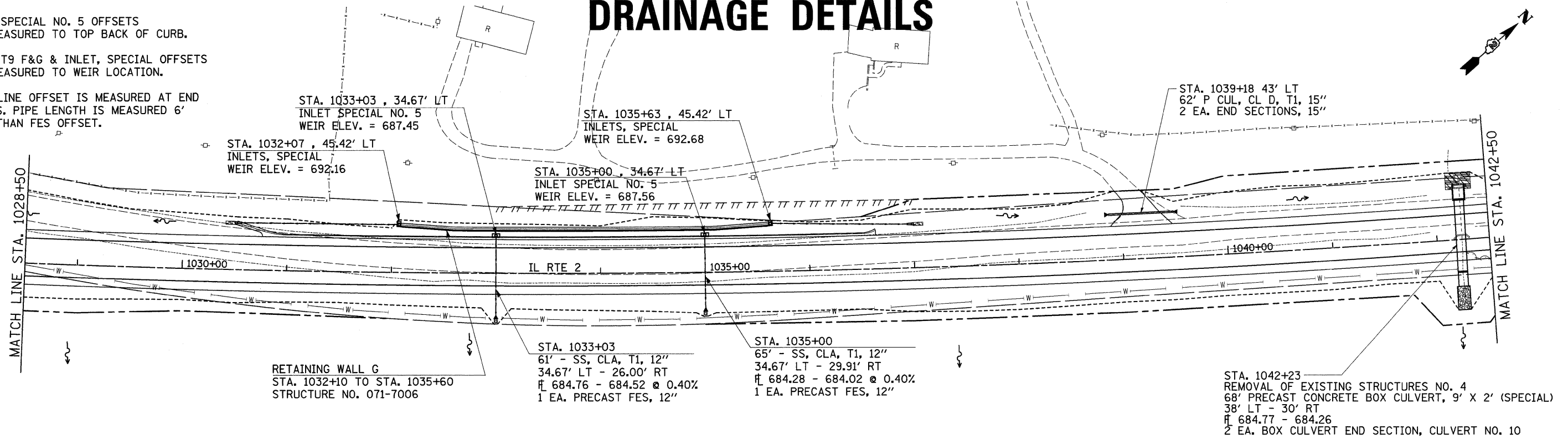
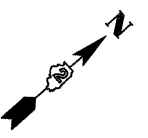


NOTES:  
 INLET SPECIAL NO. 5 OFFSETS  
 ARE MEASURED TO TOP BACK OF CURB.

INLET T9 F&G & INLET, SPECIAL OFFSETS  
 ARE MEASURED TO WEIR LOCATION.

FLOW LINE OFFSET IS MEASURED AT END  
 OF FES. PIPE LENGTH IS MEASURED 6'  
 LESS THAN FES OFFSET.

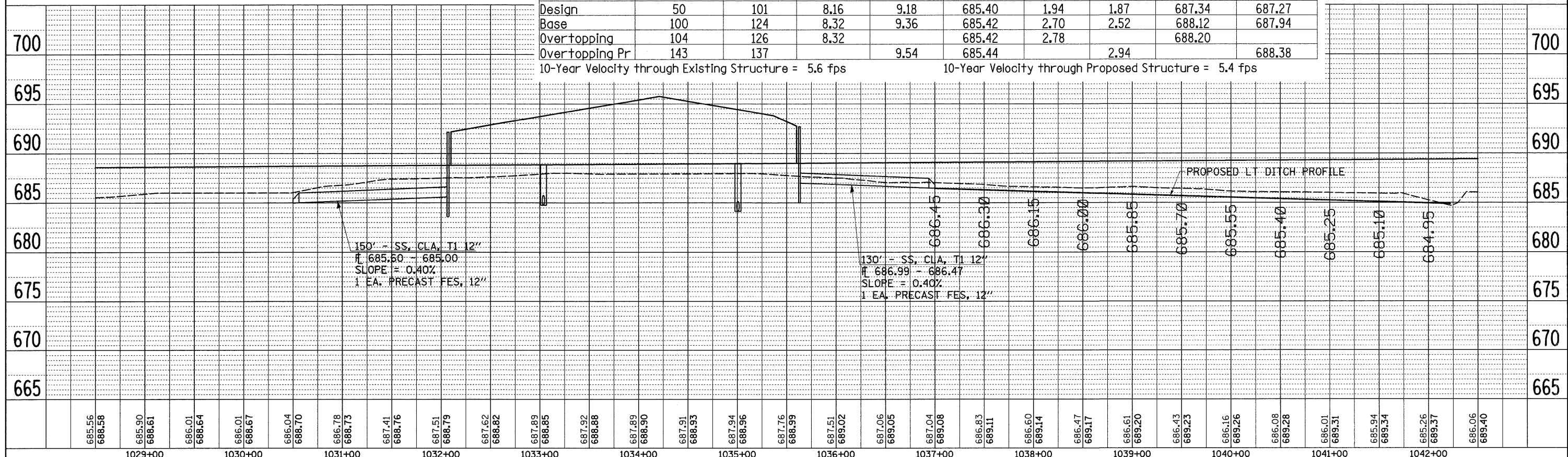
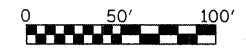
# DRAINAGE DETAILS



DATE	
BY	
SURVEYED	
ALIGNED	
CHECKED	
NOTE BOOK	
NO.	

DATE	
BY	
PROFILE	
PLOTTED	
CHECKED	
NOTE BOOK	
NO.	

Drainage Area = 0.06 sq mi		Existing Low Grade Elevation: 688.17ft. @ Sta 1042+23		Proposed Low Grade Elevation: 688.35ft. @ Sta 1042+23		
Flood	Frequency Year	Discharge cfs	Waterway Opening (sq ft) Existing Proposed	Natural H.W.E	Head (ft) Existing Proposed	Headwater Elev. (ft) Existing Proposed
Ten-Year Design	10	45	8.00 9.00	685.38	0.56 0.59	685.94 685.97
Base	100	124	8.16 9.18	685.40	1.94 1.87	687.34 687.27
Overtopping	104	126	8.32 9.36	685.42	2.70 2.52	688.12 687.94
Overtopping Pr	143	137	9.54	685.44	2.94	688.38
10-Year Velocity through Existing Structure = 5.6 fps			10-Year Velocity through Proposed Structure = 5.4 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.
ca:\pw_work\PIWIDOT\ORANTPM\dms31213\086606.dwg		DRAWN -	REVISED -			742	37R-4	OGLE	867	348
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 64E17		
PLOT DATE = Tue Mar 30 10:33:58 2010		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				