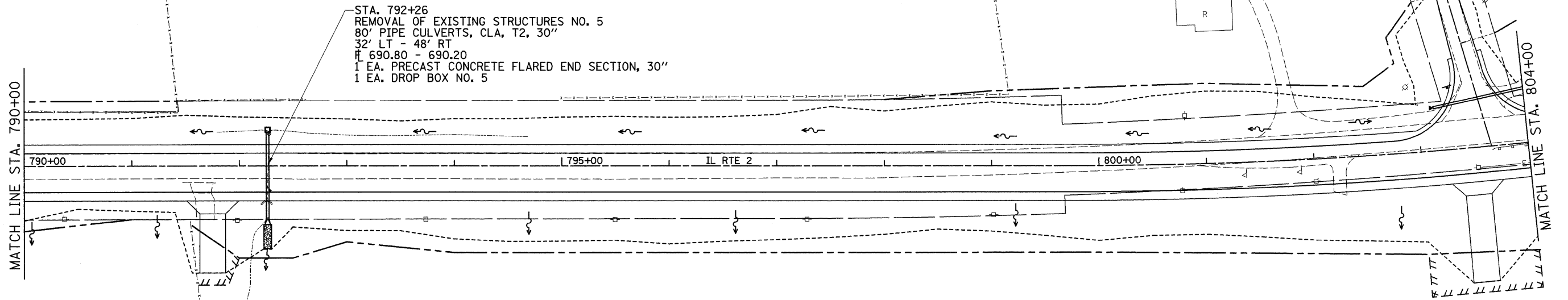
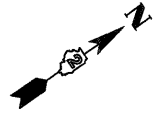
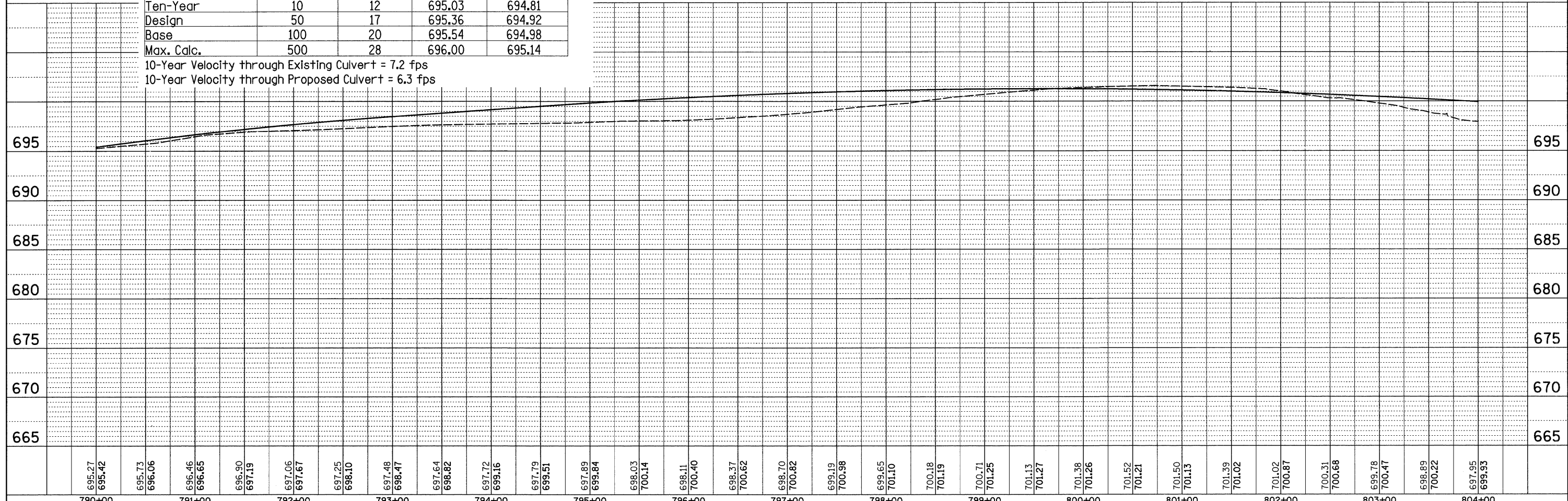


DRAINAGE DETAILS



Drainage Area = 19.5 Acres				
Proposed Road Elev @ Culvert: 697.35 ft.				
Low Grade Elevation: 696.88 ft. @ Sta 792+26				
Flood	Frequenc Yea	Discharge cfs	Headwater Existing	Elev. (ft) Proposed
Ten-Year	10	12	695.03	694.81
Design	50	17	695.36	694.92
Base	100	20	695.54	694.98
Max. Calc.	500	28	696.00	695.14
10-Year Velocity through Existing Culvert = 7.2 fps				
10-Year Velocity through Proposed Culvert = 6.3 fps				



695.27	695.42	695.73	696.06	696.46	696.65	696.90	697.19	697.06	697.67	697.25	698.10	697.48	698.47	697.64	698.82	697.72	699.16	697.79	699.51	697.89	699.84	698.03	700.14	698.11	700.40	698.37	700.62	698.70	700.82	699.19	700.98	699.65	701.10	700.18	701.19	700.71	701.25	701.13	701.27	701.38	701.26	701.52	701.21	701.50	701.13	701.39	701.02	701.02	700.87	700.31	700.68	699.78	700.47	698.89	700.22	697.95	699.93
790+00		791+00		792+00		793+00		794+00		795+00		796+00		797+00		798+00		799+00		800+00		801+00		802+00		803+00		804+00																													

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	RT. OF WAY CHECKED		
	NO. _____	CADD FILE NAME	

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	STRUCTURE NOTATIONS CIPRD		
	NO. _____		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	37R-4	OGLE	867	331
CONTRACT NO. 64E17				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. OF SHEETS STA. TO STA.

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
ca:\pw\work\PIWIDOT\GRANTPM\dms31213\d06608dr-1.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -