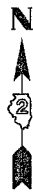


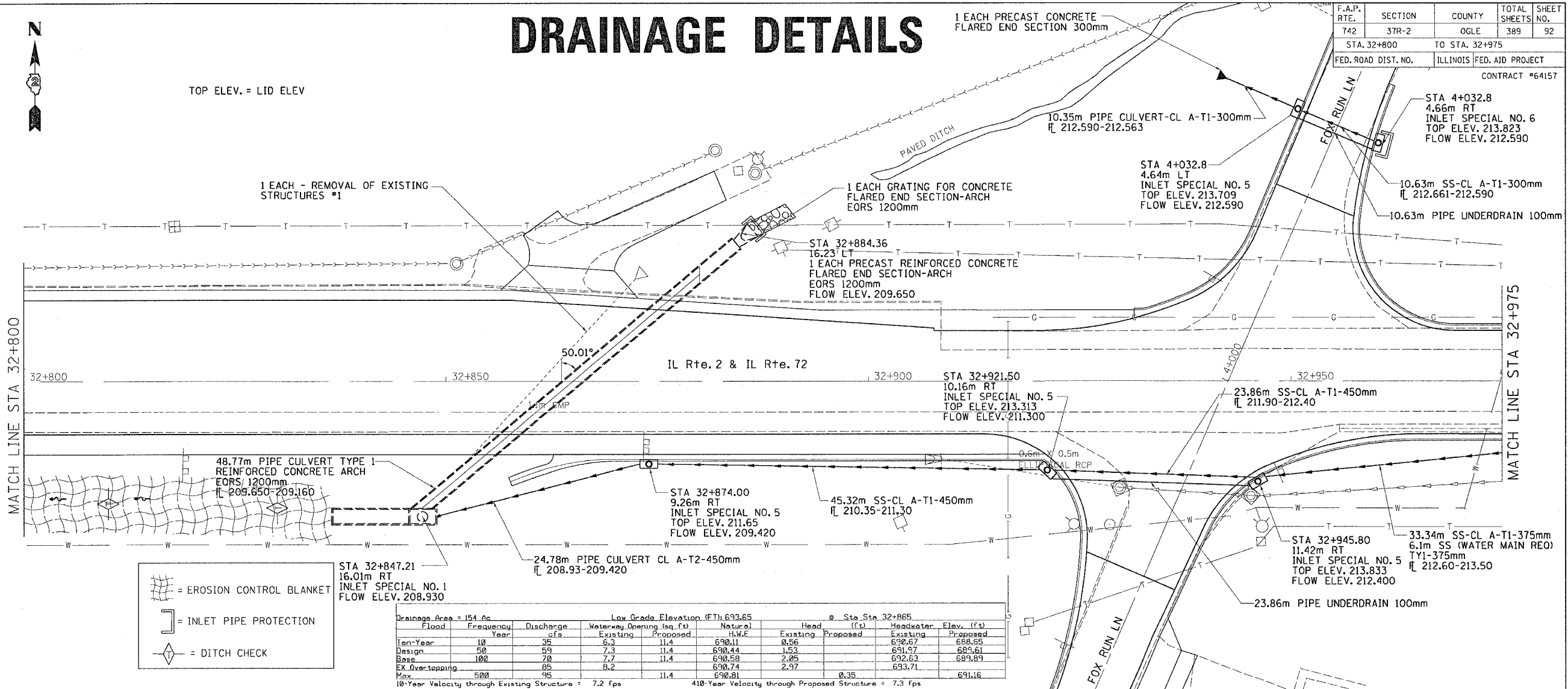
DRAINAGE DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	37R-2	OGLE	389	92
STA. 32+800 TO STA. 32+975		ILLINOIS FED. AID PROJECT		
FED. ROAD DIST. NO.		CONTRACT #64157		



TOP ELEV. = LID ELEV

BY	DATE
FINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK	
TEMPLATE	
AREAS	
CHECKED	
NO.	



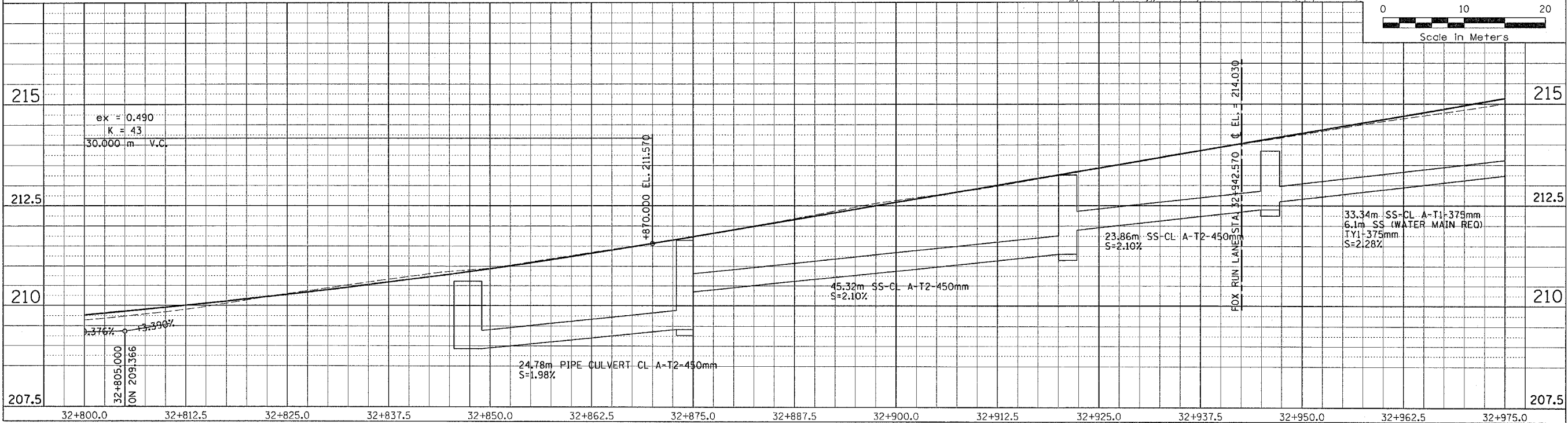
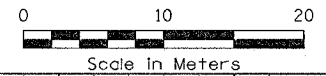
- = EROSION CONTROL BLANKET
- = INLET PIPE PROTECTION
- = DITCH CHECK

Drainage Area = 154 Ac Low Grade Elevation (FT): 693.65 @ Sta Sta 32+865

Flood Year	Frequency	Discharge cfs	Waterway Opening (sq ft)		Natural H.W.E.		Head (ft)		Headwater Elev. (ft)	
			Existing	Proposed	Existing	Proposed	Existing	Proposed	Existing	Proposed
Ten-Year	10	35	6.2	11.4	690.11	690.11	0.56	0.56	690.67	688.55
Design	50	59	7.3	11.4	690.44	690.44	1.53	1.53	691.97	689.61
Base	100	70	7.7	11.4	690.58	690.58	2.05	2.05	692.63	689.87
EX Overlapping		85	8.2		690.74		2.97		693.71	
Max	500	95	11.4		690.81		0.35		691.16	

10-Year Velocity through Existing Structure = 7.2 fps 410-Year Velocity through Proposed Structure = 7.3 fps

BY	DATE
ORIGINAL SURVEYED	
SURVEY PLOTTED	
NOTE BOOK	
TEMPLATE	
AREAS	
CHECKED	
NO.	



Thu Sep 02 11:20:51 2004
at:\projects\m2000\64157-aragga.dgn

DRAINAGE DETAILS