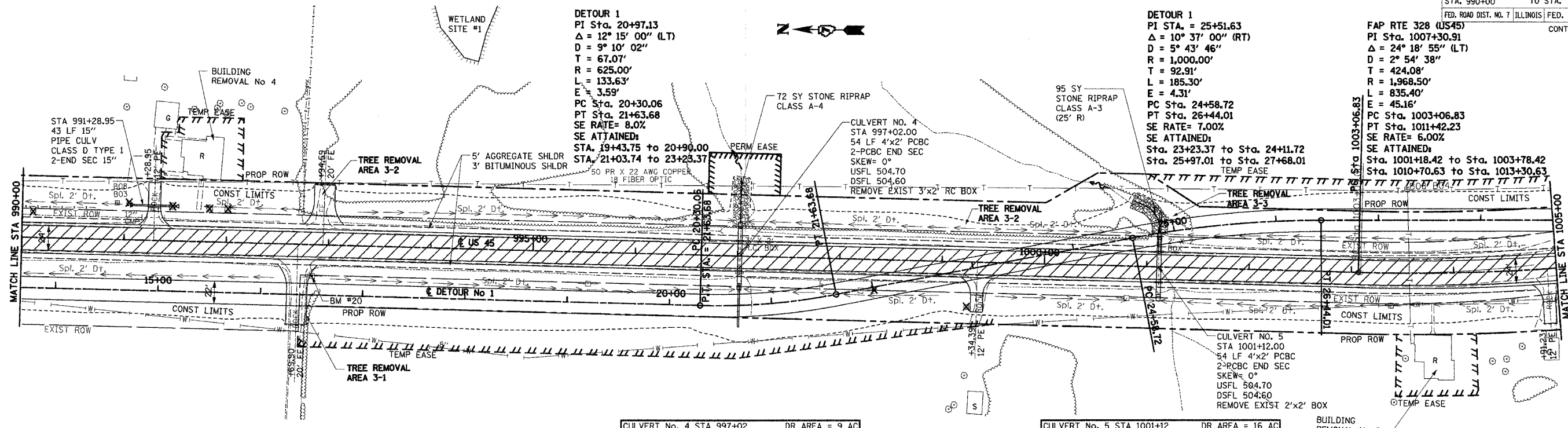


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	5R, Y, RS-1	CLAY	376	35
STA. 990+00		TO STA. 1005+00		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
CONTRACT No 94367				



**DETOUR 1**  
 PI Sta. 20+97.13  
 $\Delta = 12^\circ 15' 00''$  (LT)  
 $D = 9^\circ 10' 02''$   
 $T = 67.07'$   
 $R = 625.00'$   
 $L = 133.63'$   
 $E = 3.59'$   
 PC Sta. 20+30.06  
 PT Sta. 21+63.68  
 SE RATE= 8.0%  
 SE ATTAINED:  
 STA. 19+43.75 to 20+90.00  
 STA. 21+03.74 to 23+23.37

**DETOUR 2**  
 PI STA. = 25+51.63  
 $\Delta = 10^\circ 37' 00''$  (RT)  
 $D = 5^\circ 43' 46''$   
 $R = 1,000.00'$   
 $T = 92.91'$   
 $L = 185.30'$   
 $E = 4.31'$   
 PC Sta. 24+58.72  
 PT Sta. 26+44.01  
 SE RATE= 7.00%  
 SE ATTAINED:  
 Sta. 23+23.37 to Sta. 24+11.72  
 Sta. 25+97.01 to Sta. 27+68.01

FAP RTE 328 (US45)  
 PI Sta. 1007+30.91  
 $\Delta = 24^\circ 18' 55''$  (LT)  
 $D = 2^\circ 54' 38''$   
 $T = 424.08'$   
 $R = 1,968.50'$   
 $L = 835.40'$   
 $E = 45.16'$   
 PC Sta. 1003+06.83  
 PT Sta. 1011+42.23  
 SE RATE= 6.00%  
 SE ATTAINED:  
 Sta. 1001+18.42 to Sta. 1003+78.42  
 Sta. 1010+70.63 to Sta. 1013+30.63

CULVERT No. 4 STA 997+02 DR AREA = 9 AC  
 LOW GRADE ELEV = 509.17 @ STA 997+02 (NOT AT A SAG)

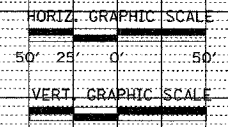
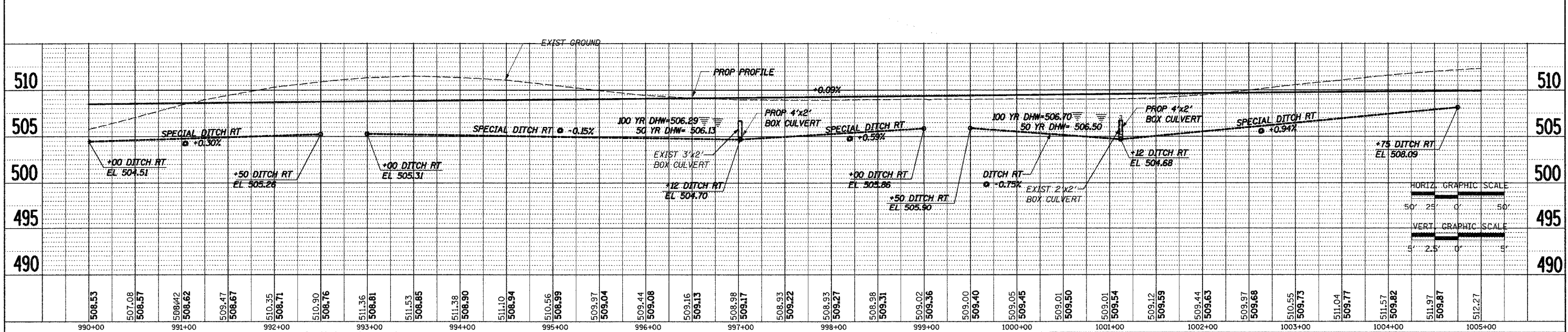
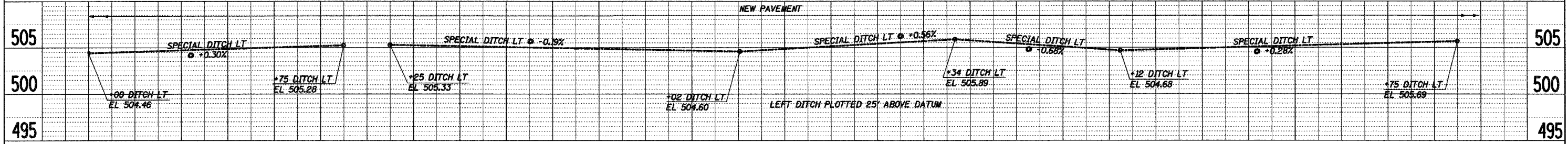
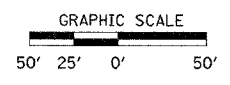
FLOOD	FREQ	Q	OPENING (SF)	HEADWATER EL
	YR	(CFS)	EXIST	PROF
DESIGN	50	17	6	8 506.61 506.13
BASE	100	20	6	8 506.78 506.29
OVERTOPPING	---	---	---	---
MAX CALC	500	26	6	8 507.17 506.59

CULVERT No. 5 STA 1001+12 DR AREA = 16 AC  
 LOW GRADE ELEV = 509.55 @ STA 1001+12 (NOT AT A SAG)

FLOOD	FREQ	Q	OPENING (SF)	HEADWATER EL
	YR	(CFS)	EXIST	PROF
DESIGN	50	25	4	8 508.55 506.50
BASE	100	29	4	8 509.04 506.70
OVERTOPPING	100	29	4	8 509.04 ---
MAX CALC	500	37	4	8 509.13 507.09

BM #20 STA 992+84.00, 30.50' RT.  
 RR SPIKE IN POWER POLE, S.W.  
 QUAD. INTERSECTION P.E. & RTE45  
 EL 512.97

LEGEND:  
 - PAVEMENT REMOVAL



STA 990+00 TO STA 1005+00

DATE	BY	NO.
01-98	WJ	
PLAN		
SURVEYED		
PLOTTED		
CHECKED		
REVISION		
NOTE BOOK		
NO. _____		
CADD FILE NAME		
_____		

DATE	BY	NO.
PROFILE		
SURVEYED		
PLOTTED		
CHECKED		
REVISION		
NOTE BOOK		
NO. _____		
STRUCTURE NOTATION		
_____		

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