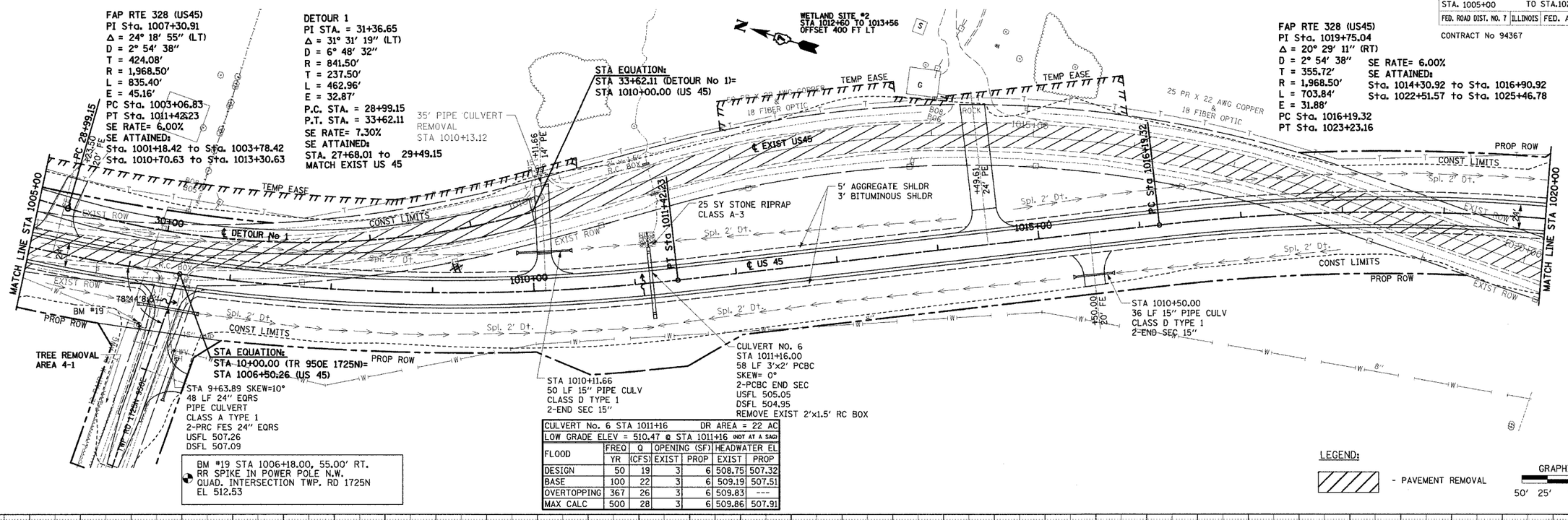
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	5R, Y, RS-1	CLAY	376	36
STA. 1005+00		TO STA.1020+00		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT No 94367

FAP RTE 328 (US45)
PI Sta. 1007+30.91
Δ = 24° 18′ 55″ (LT)
D = 2° 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

DETOUR 1
PI STA. = 31+36.65
Δ = 31° 31′ 19″ (LT)
D = 6° 48′ 32″
R = 841.50′
T = 237.50′
L = 462.96′
E = 32.87′
P.C. STA. = 28+99.15
P.T. STA. = 33+62.11
SE RATE= 7.30%
SE ATTAINED:
STA. 27+68.01 to 29+49.15
MATCH EXIST US 45

FAP RTE 328 (US45)
PI Sta. 1019+75.04
Δ = 20° 29′ 11″ (RT)
D = 2° 54′ 38″
T = 355.72′
R = 1,968.50′
L = 703.84′
E = 31.88′
PC Sta. 1016+19.32
PT Sta. 1023+23.16
SE RATE= 6.00%
SE ATTAINED:
Sta. 1014+30.92 to Sta. 1016+90.92
Sta. 1022+51.57 to Sta. 1025+46.78

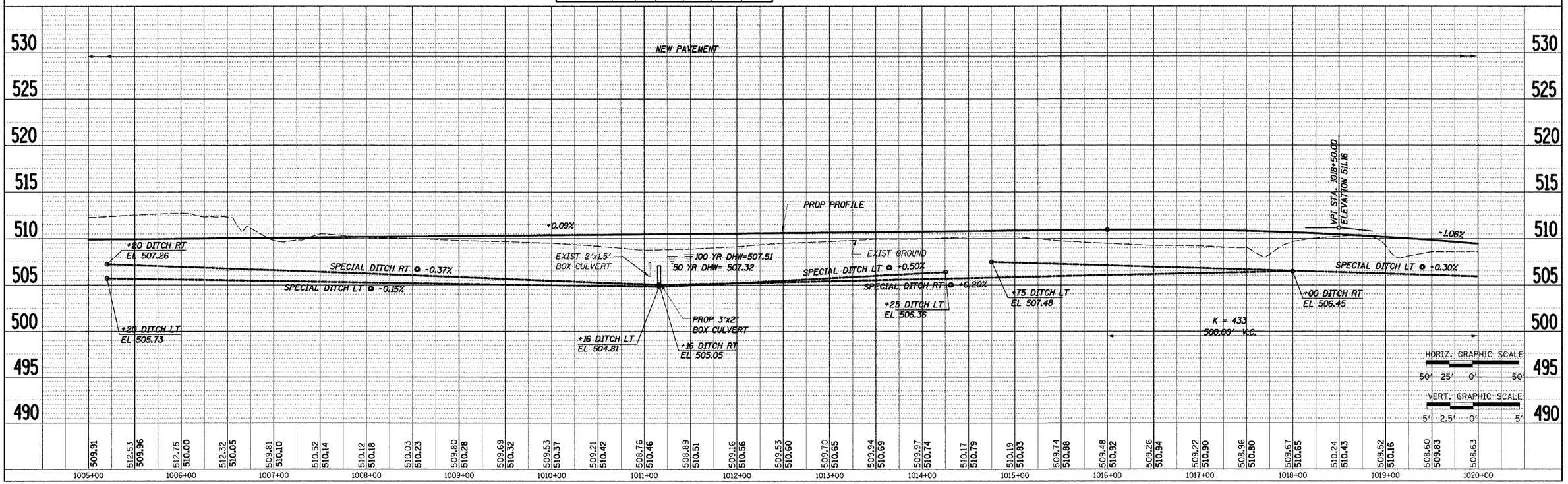


CULVERT No. 6 STA 1011+16					DR AREA = 22 AC	
LOW GRADE ELEV = 510.47 @ STA 1011+16 (NOT AT A SAG)						
FLOOD	FREQ	Q	OPENING (SF)		HEADWATER EL	
	YR	(CFS)	EXIST	PROP	EXIST	PROP
DESIGN	50	19	3	6	508.75	507.32
BASE	100	22	3	6	509.19	507.51
OVERTOPPING	367	26	3	6	509.83	---
MAX CALC	500	28	3	6	509.86	507.91

LEGEND:

- PAVEMENT REMOVAL

GRAPHIC SCALE
50′ 25′ 0′ 50′



STA 1005+00 TO STA 1020+00