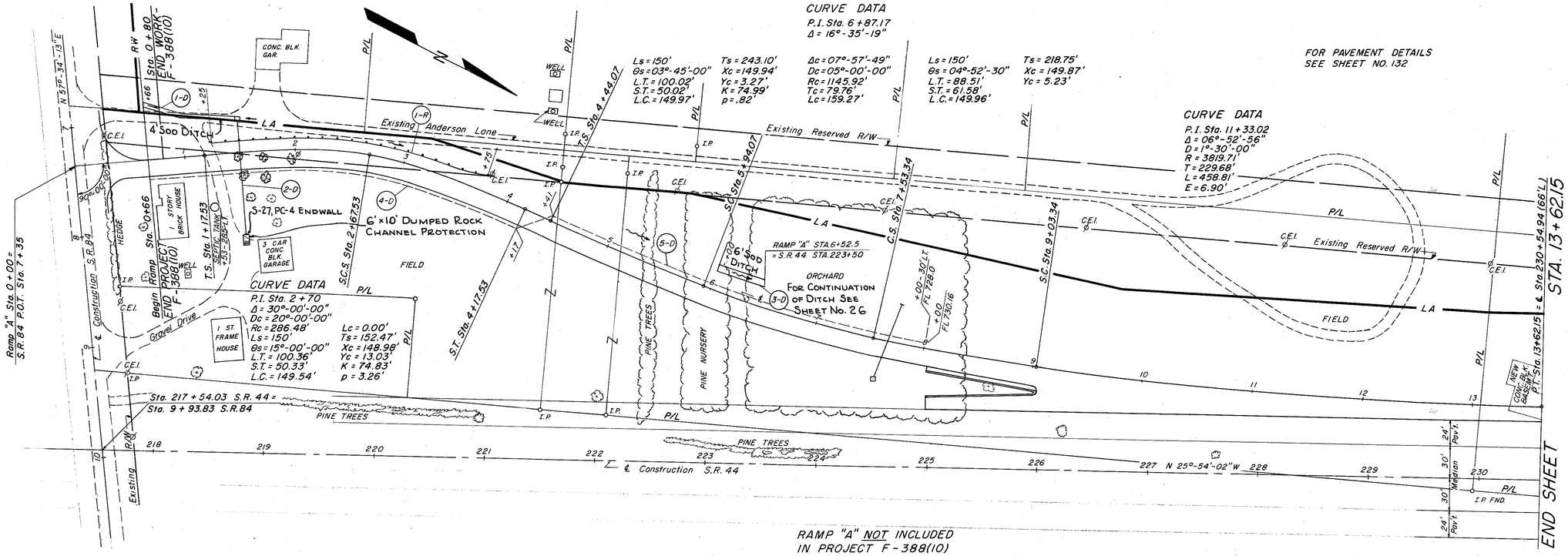
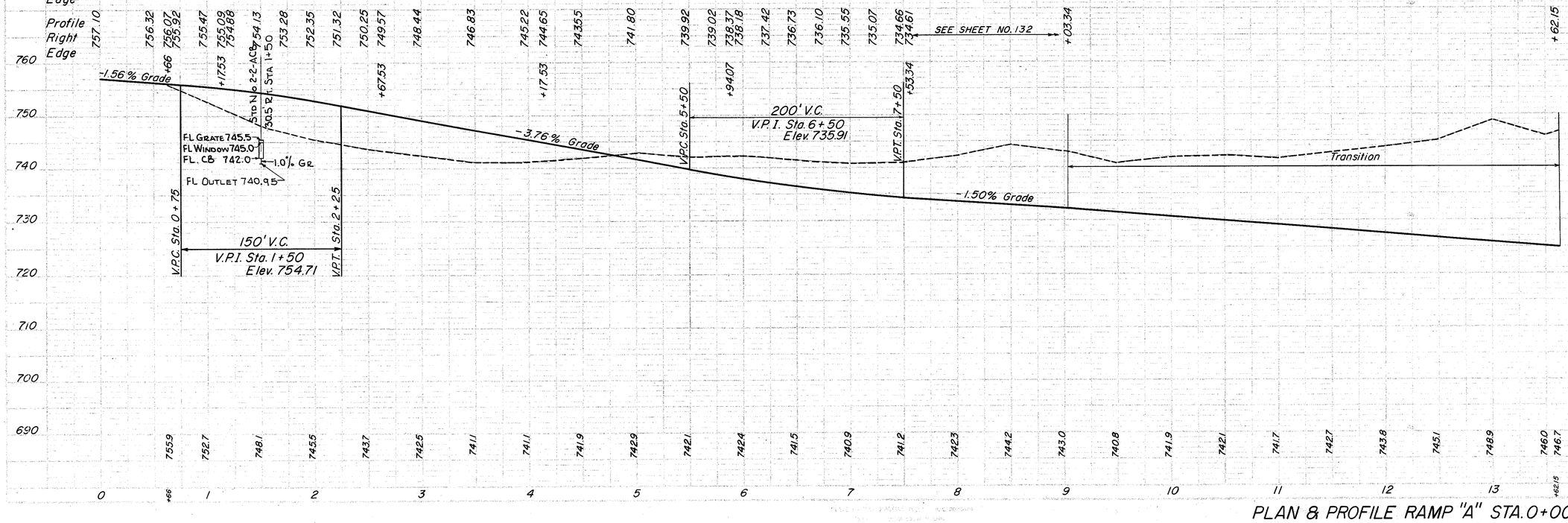
FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

LAKE COUNTY
LAK-44-1.70

113
228



ROADWAY & PAVEMENT QUANT.	REFERENCE No.	SIDE		
		STATION TO STATION		
GUARD RAIL STEEL BEAM TYPE (DEEP)	1-15	1+25 TO 3+75	L.F.	250
SIDE			L.F.	
TOTAL				250



PLAN & PROFILE RAMP "A" STA. 0+00 TO STA. 13+62.15

DRAINAGE QUANTITIES	REFERENCE No.	SIDE		
		STATION TO STATION		
EXCAVATION FOR STRUCTURES	E-2	1-D	Cu. Yd.	1.2
12" STORM SEWER UNDER PAVEMENT, SEC. M 6.5(1)DRM-6.8(1)	I-2	0+66 TO 1+49	L.F.	105
6" PIPE UNDERDRAIN (SHALLOW)	I-4	2-D	L.F.	
6" PIPE OUTLET FOR UNDERDRAIN	I-4	3-D	L.F.	386
6" PIPE SPECIAL 45° BEND	I-5	4-D	EACH	2
6" PIPE SPECIAL 90° BEND	I-5	5-D	EACH	1
CATCH BASIN STANDARD NO. 2-2-A	I-8		EACH	1
DUMPED ROCK CHANNEL PROTECTION	I-10	1+50 TO 6+52.5	Cu. Yd.	6.7
SODDING	I-10	0+66 TO 4+43	Sq. Yd.	29.1
CONCRETE FOR STRUCTURES CLASS "E"	S-1	4+43 TO 8+00	Cu. Yd.	0.2
		TOTALS		66.0