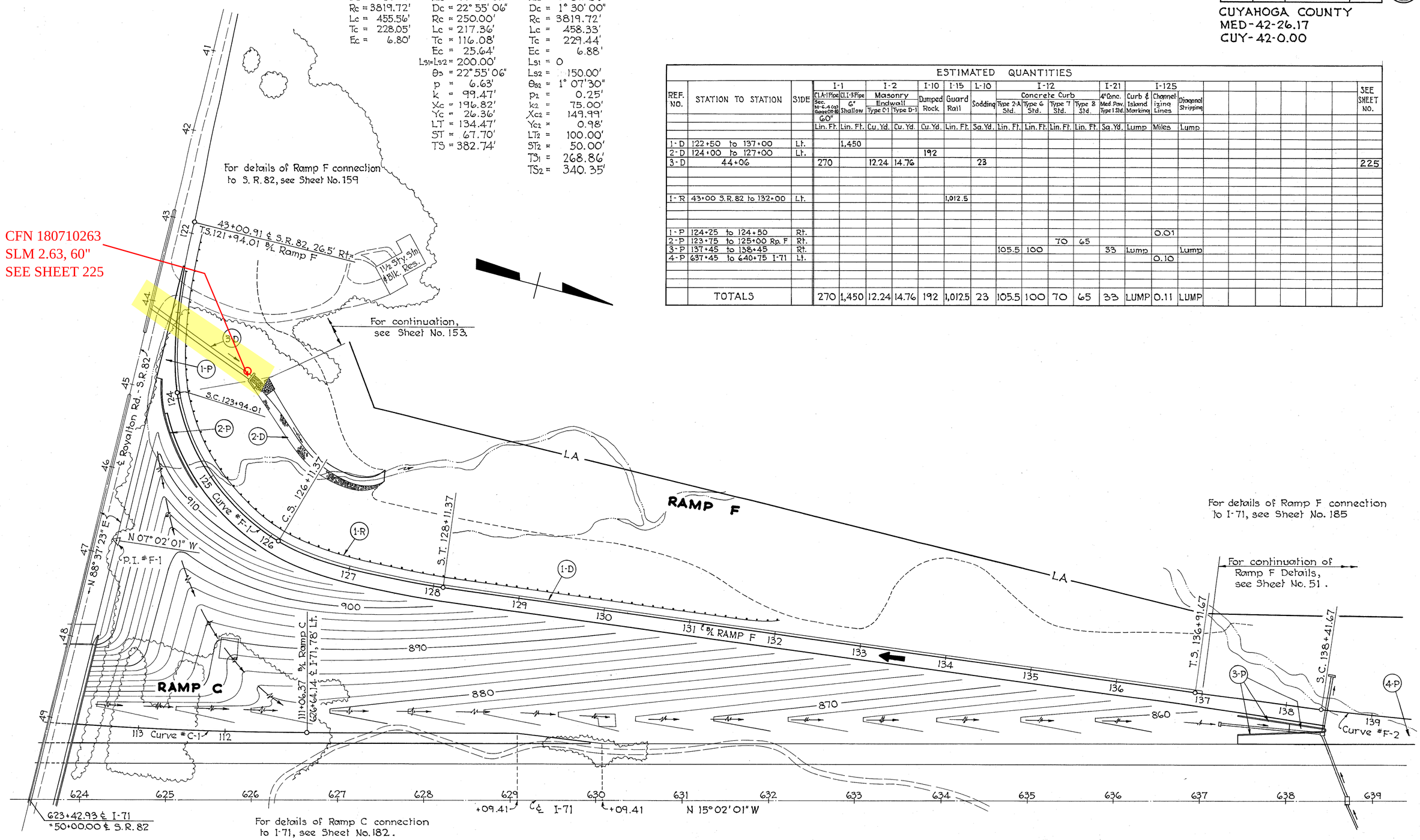
FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	I-71-5(15)233	

174
302

CUYAHOGA COUNTY
MED-42-26.17
CUY-42-0.00

CURVE #C-1	CURVE #F-1	CURVE #F-2
Δ = 6° 50' 00"	Δ = 95° 39' 04"	Δ = 8° 00' 00"
Dc = 1° 30' 00"	Δc = 49° 48' 52"	Δc = 6° 52' 30"
Rc = 3819.72'	Dc = 22° 55' 06"	Dc = 1° 30' 00"
Lc = 455.56'	Rc = 250.00'	Rc = 3819.72'
Tc = 228.05'	Lc = 217.36'	Lc = 458.33'
Ec = 6.80'	Tc = 116.08'	Tc = 229.44'
	Ec = 25.64'	Ec = 6.88'
	Ls1=Ls2 = 200.00'	Ls1 = 0
	θs = 22° 55' 06"	Ls2 = 150.00'
	p = 6.63'	θs2 = 1° 07' 30"
	k = 99.47'	p2 = 0.25'
	Xc = 196.82'	k2 = 75.00'
	Yc = 26.36'	Xc2 = 149.99'
	LT = 134.47'	Yc2 = 0.98'
	ST = 67.70'	LT2 = 100.00'
	TS = 382.74'	ST2 = 50.00'
		TS1 = 268.86'
		TS2 = 340.35'



ESTIMATED QUANTITIES

REF. NO.	STATION TO STATION	SIDE	I-1 CLA-1 Pipe Sec. M-6.4 (a) Gage (10-8) 60"	I-1 CLI-3 Pipe 6" Shallow	I-2 Masonry Endwall Type C-1	I-2 Masonry Endwall Type D-1	I-10 Dumped Rock	I-15 Guard Rail	I-10 Sodding	I-12 Concrete Curb Type 2-A Std.	I-12 Concrete Curb Type 6 Std.	I-12 Concrete Curb Type 7 Std.	I-12 Concrete Curb Type 8 Std.	I-21 4" Conc. Med. Pav. Type 1 Std.	I-125 Curb & Island Marking	I-125 Channelizing Lines	I-125 Diagonal Stripping	SEE SHEET NO.
			Lin. Ft.	Lin. Ft.	Cu. Yd.	Cu. Yd.	Cu. Yd.	Lin. Ft.	Sq. Yd.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Sq. Yd.	Lump	Miles	Lump	
1-D	122+50 to 137+00	Lt.		1,450														
2-D	124+00 to 127+00	Lt.					192											
3-D	44+06		270		12.24	14.76			23									225
1-R	43+00 S.R. 82 to 132+00	Lt.						1,012.5										
1-P	124+25 to 124+50	Rt.														0.01		
2-P	123+75 to 125+00 Rp. F	Rt.										70	65					
3-P	137+45 to 138+45	Rt.								105.5	100			33	Lump		Lump	
4-P	637+45 to 640+75 I-71	Lt.														0.10		
	TOTALS		270	1,450	12.24	14.76	192	1,012.5	23	105.5	100	70	65	33	LUMP	0.11	LUMP	

S.R. 82 INTERCHANGE - PLAN - RAMP F