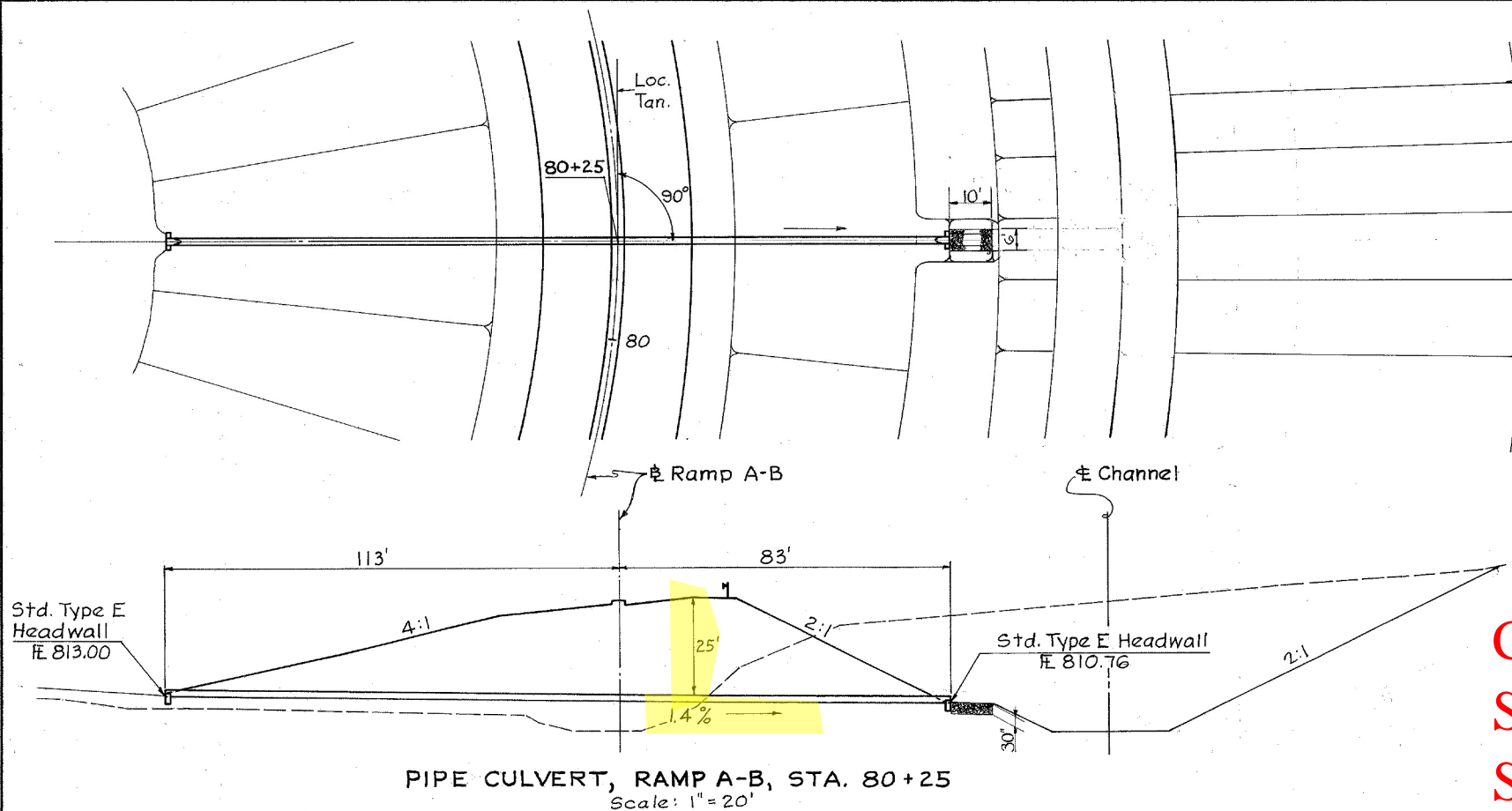


CUYAHOGA COUNTY
CUY-42-3.38

ESTIMATED QUANTITIES

I-1	18" Class J-1 Pipe, Sec. M6.6(d)	196	L.F.
I-2	Masonry	0.6	C.Y.
I-10	Dumped Rock Channel Protection	6	C.Y.
L-10	Sodding	2	S.Y.

Drainage Area = 4.5 Ac
Q₅₀ = 10 CFS



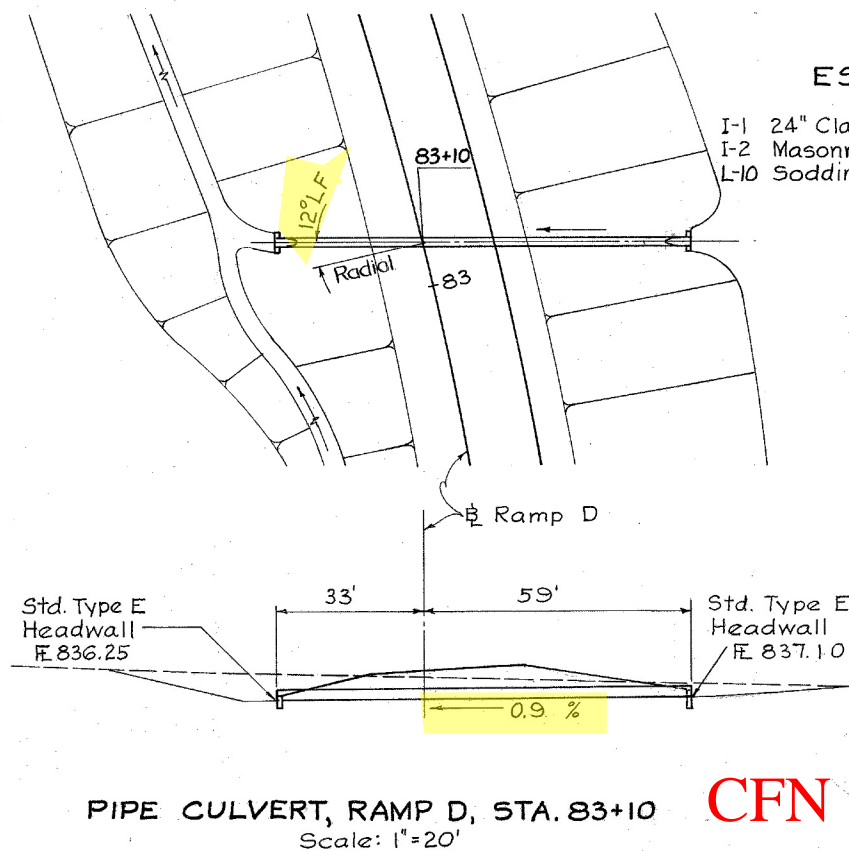
CFN 180710552
SLM 5.51, 18"
SEE SHEET 116

PIPE CULVERT, RAMP A-B, STA. 80+25
Scale: 1"=20'

ESTIMATED QUANTITIES

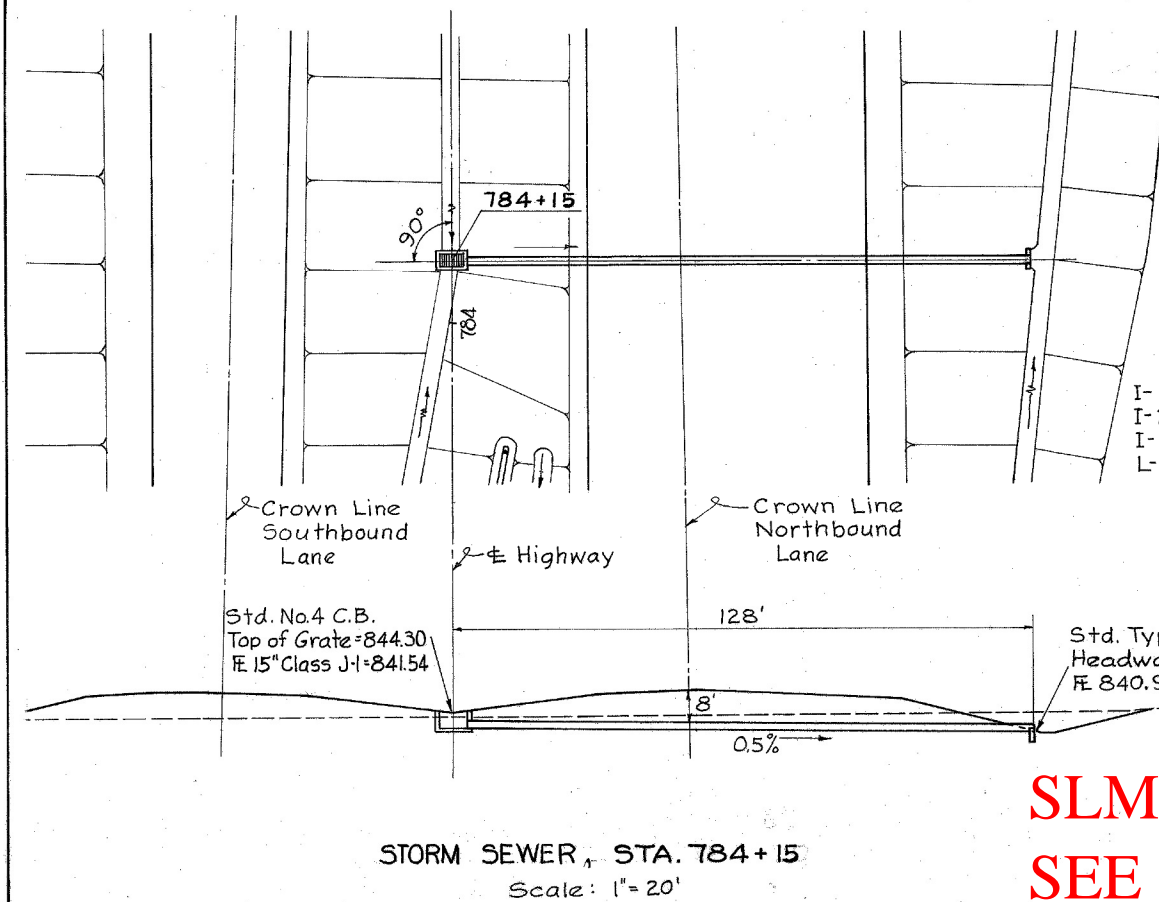
I-1	24" Class A-1 Pipe M6.6(a) or M6.8(b)	92	L.F.
I-2	Masonry	0.8	C.Y.
L-10	Sodding	6	S.Y.

Drainage Area = 2.8 Ac
Q₅₀ = 13 CFS



PIPE CULVERT, RAMP D, STA. 83+10
Scale: 1"=20'

CFN 180710562
SLM 5.62, 24"
SEE SHEET 117



STORM SEWER, STA. 784+15
Scale: 1"=20'

ESTIMATED QUANTITIES

I-1	15" Pipe Class J-1	128	L.F.
I-2	Masonry	0.3	C.Y.
I-8	Std. No. 4 C.B.	1	Ea.
L-10	Sodding	3	S.Y.

Drainage Area = 1.7 Ac
Q₁₀ = 5.2 CFS

SLM 5.63, 15"
SEE SHEET 51