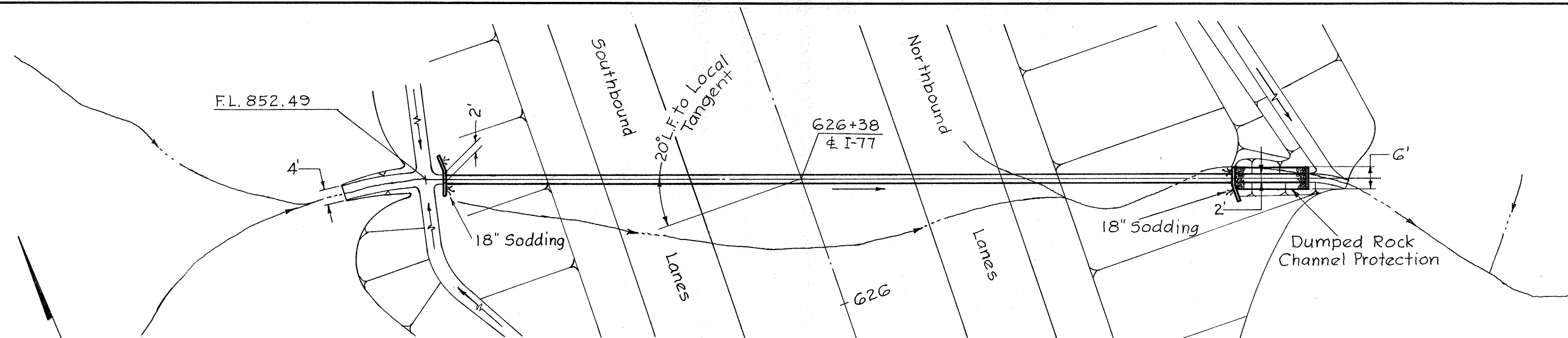


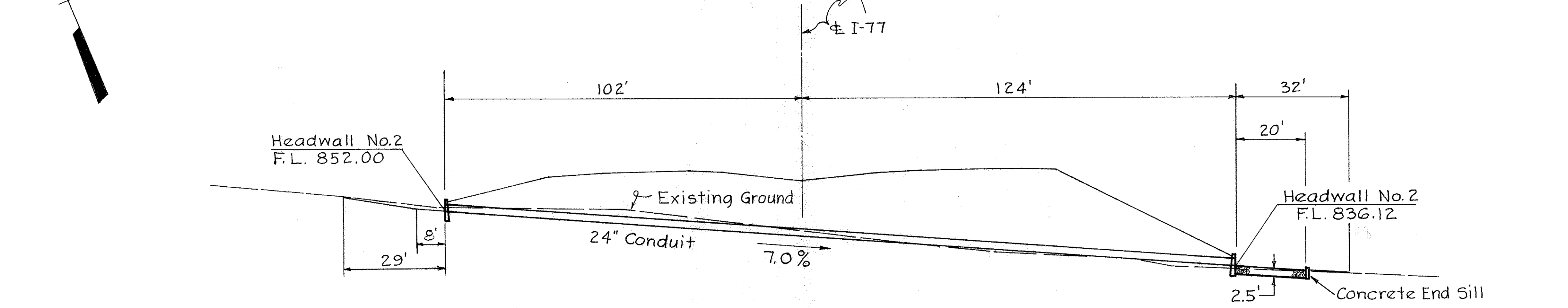
FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	I-77-I(5)27	

180
254

NOBLE COUNTY
NOB-77-10.80



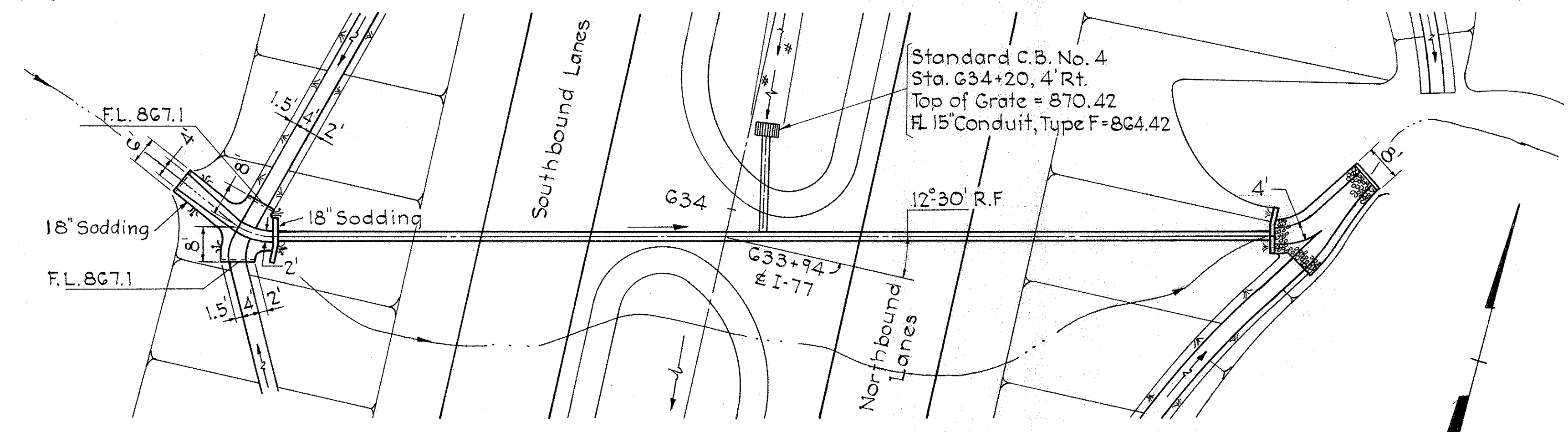
Area	6 Ac.
Q50	25 c.f.s.



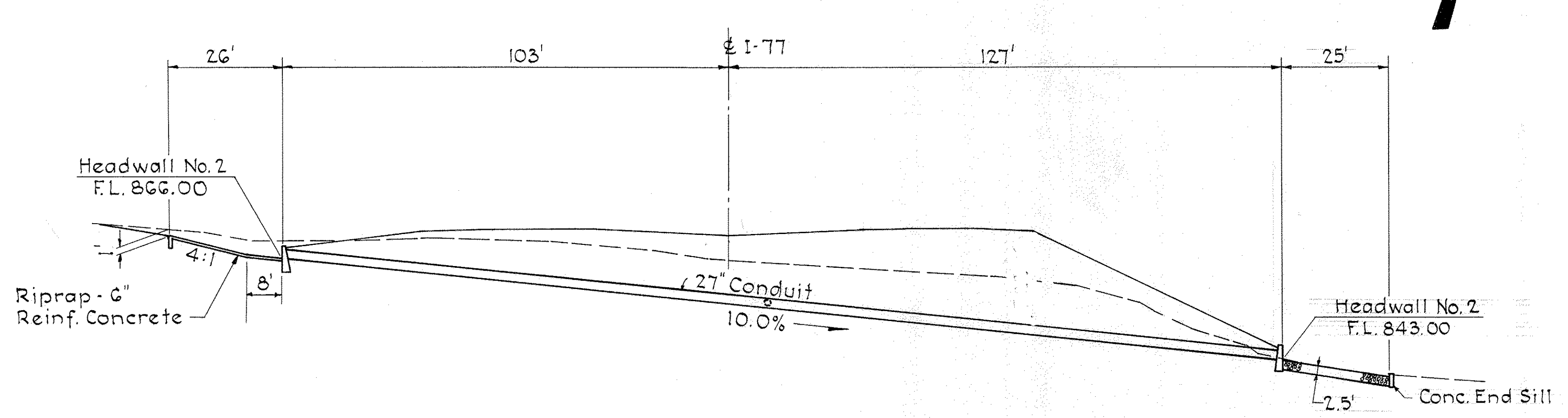
ESTIMATED QUANTITIES

601 Dumped Rock Channel Protection	11 C.Y.
602 Concrete Masonry	62 C.Y.
603 24" Conduit, Type A with Cl. B Bedding, 706.02, Class V	226 L.F.
660 Sodding	5 S.Y.

CULVERT NO. NOB-77- 10.83
SCALE: 1" = 20'



Area	8 Ac.
Q50	31 c.f.s.



ESTIMATED QUANTITIES

601 Dumped Rock Channel Protection	25 C.Y.
601 Riprap using 6" Reinf. Conc. Slab	31 S.Y.
602 Concrete Masonry	9.3 C.Y.
603 30" Conduit, Type A with Cl. B Bedding, 707.05, 14 Ga.	230 L.F.
603 15" Conduit, Type F	24 L.F.
604 Catch Basin, Standard No. 4	1 Ea.
660 Sodding	13 S.Y.

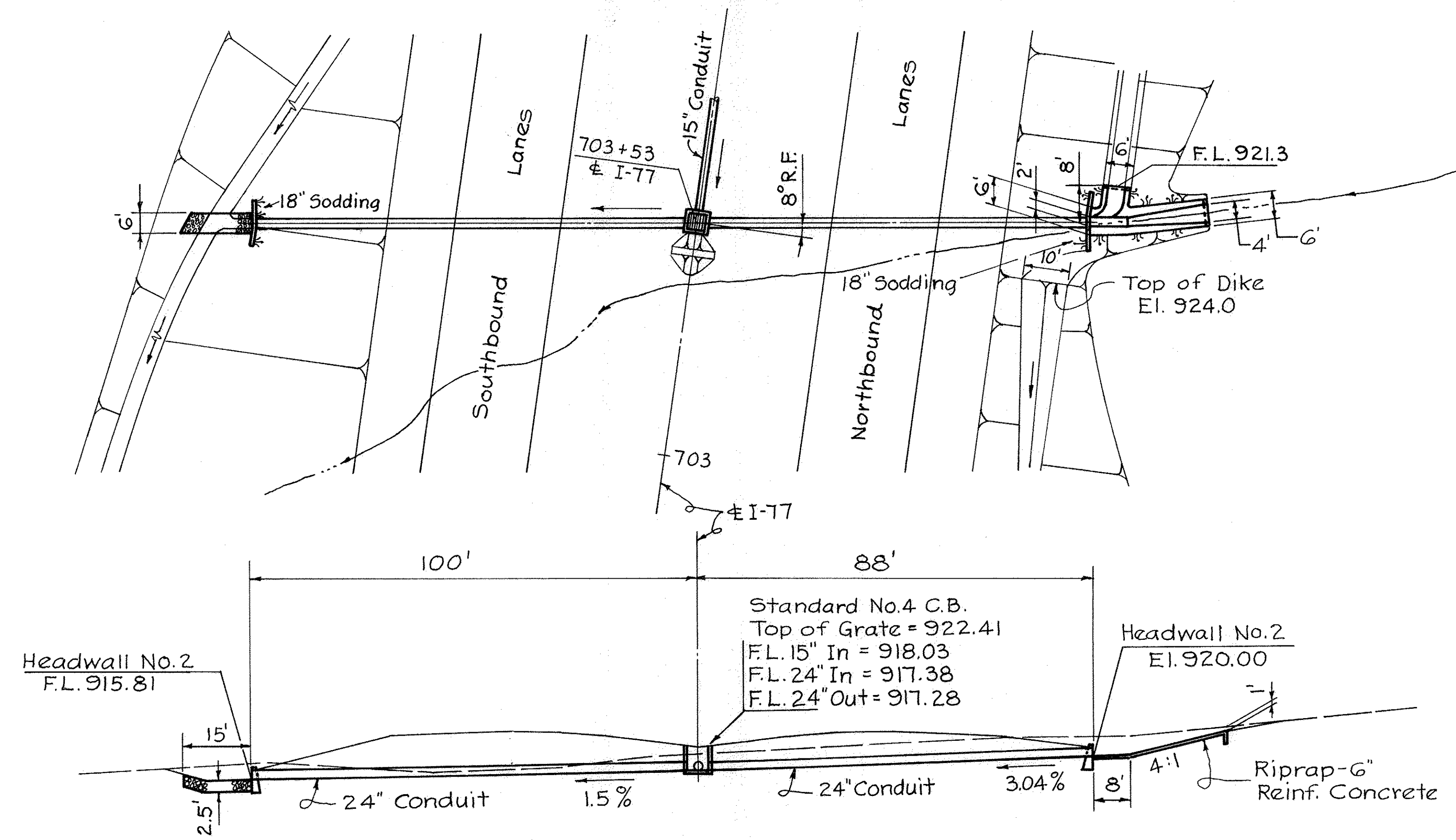
CULVERT NO. NOB-77- 8.16
SCALE: 1" = 20'

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	I-77-1(5) 27	

186
254

NOBLE COUNTY
NOB-77- 10.80

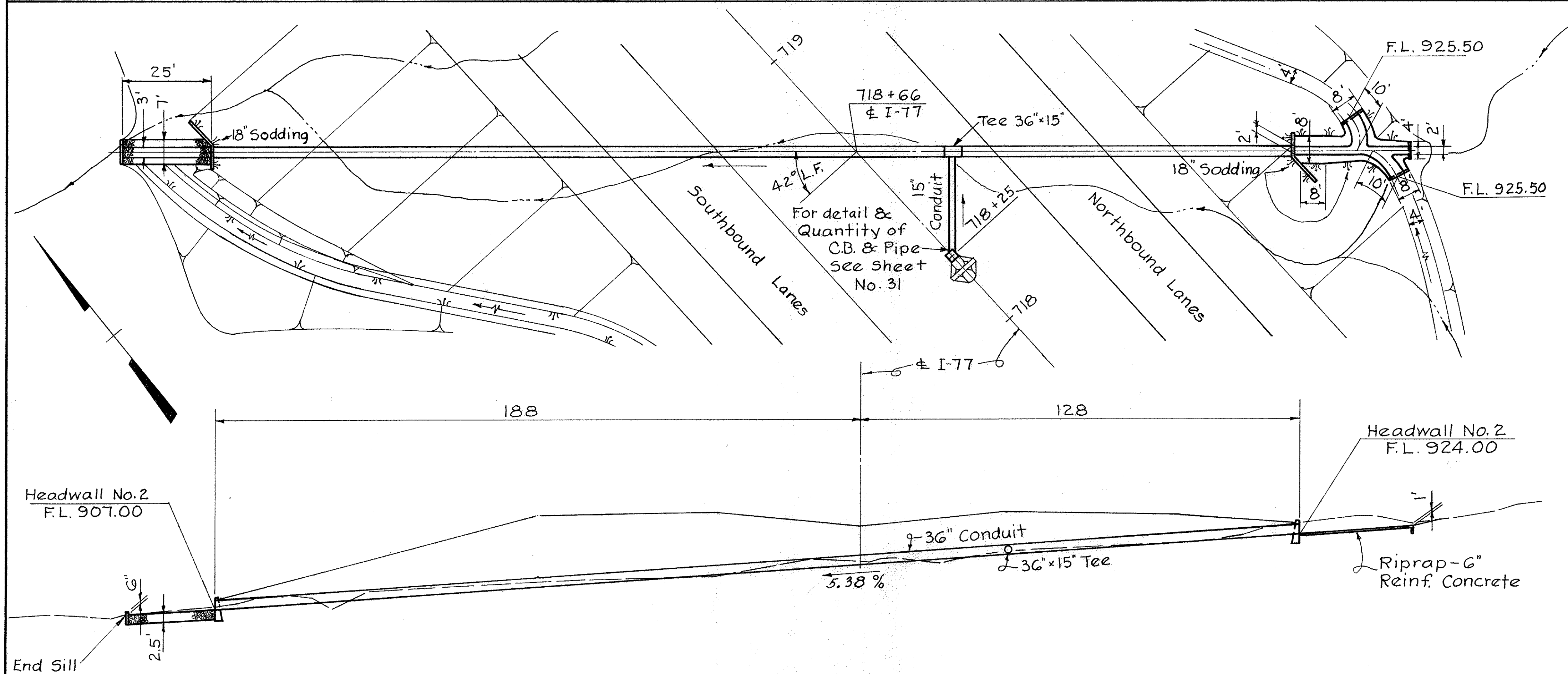
Area	7 Ac.
Q50	27 c.f.s.



ESTIMATED QUANTITIES

601 Dumped Rock Channel Protection	8	C.Y.
601 Riprap-6" Reinf. Concrete Slab	25	S.Y.
602 Concrete Masonry	7.8	C.Y.
603 24" Conduit, Type A with Cl. B Bedding, 706.02 or 706.08	188	L.F.
604 Catch Basin, Std. No. 4	1	Each
660 Sodding	12	S.Y.

CULVERT NO. NOB-77-13.29
Scale: 1" = 20'



Area	21 Ac.
Q50	59 c.f.s.

ESTIMATED QUANTITIES

601 Dumped Rock Channel Protection	16	C.Y.
601 Riprap-6" Reinf. Concrete Slab	44	S.Y.
602 Concrete Masonry	15.7	C.Y.
603 36" Conduit, Type A with Cl. B Bedding, 707.05, 12 Gage	316	L.F.
660 Sodding	19	S.Y.

CULVERT NO. NOB-77-13.58
Scale: 1" = 20'