

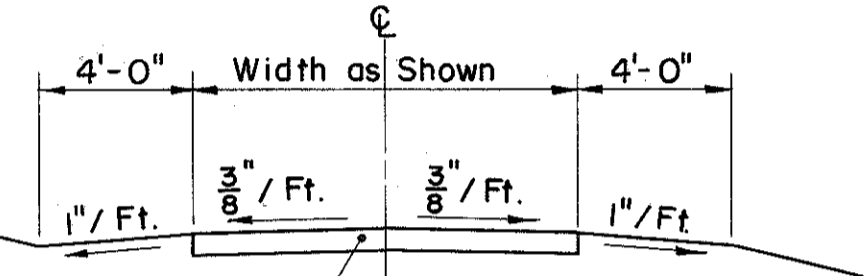
LAKE COUNTY
LAK-2-16.49

FRONTAGE ROAD "A"

SODDING LEFT DITCH			
STATION	WIDTH OF SODDING FT.	LENGTH OF SODDING FT.	S.Y.
21 + 50	6.5	72	52
22 + 22	6.5		
SUB-TOTAL			

RAMP G G

SODDING RIGHT DITCH			
STATION	WIDTH OF SODDING FT.	LENGTH OF SODDING FT.	S.Y.
824+00 Lt.	8.2	362	330
16 + 50	8.2		
SUB-TOTAL			
SODDING LEFT DITCH			
STATION	WIDTH OF SODDING FT.	LENGTH OF SODDING FT.	S.Y.
11 + 00	6.0	629	419
18 + 00	6.0		
SUB-TOTAL			



B-19 with 1# Calcium Chloride per S.Y. (See Note in Proposal)

TYPICAL SECTION
DRIVE LT. STA. 25 + 20 FRONTAGE ROAD "A"

Quantity for T-71 Apron on Frontage Road "A"
Included with Ramp G G.

FOR UTILITY TREATMENT
SEE SHEETS 169-170

NOTE A: Quantities for Treating Septic Systems
Systems on Sheet 16.

6 G 1
CURVE DATA
P.I. Sta. 14 + 60.48
O_s = 95°29'35" Lt.
L_s = 500.00'
L.T. = 399.73'
S.T. = 228.36'

6 G 2
CURVE DATA
P.I. Sta. 19 + 66.17
Δ = 139°23'32" Lt.
R = 150.00'
L = 364.93'
T = 405.42

6 G 3
CURVE DATA
P.I. Sta. 20 + 50.17
Δ = 69°20'14" Lt.
R = 180.00'
L = 217.83'
T = 124.49'

FRONTAGE RD. "A"
CURVE DATA
P.I. Sta. 21 + 51.64
Δ = 100°00' Rt.
R = 235.00'
L = 410.15'
T = 280.06'
E = 130.59'

FRONTAGE RD. "A"
CURVE DATA
P.I. Sta. 25 + 54.50
Δ = 63°59'15" Lt.
R = 250.00'
L = 279.16'
T = 156.18'
E = 44.75'

(S) STRUCTURES

REF. NO.	STATION	I-1	
		15" PIPE CLASS A-1	MASONRY
		L.F.	C.Y.
I-S	Frontage Rd. "A" 22+22	64	0.52

(D) DRAINAGE

REF. NO.	STATION	SIDE	I-1		I-5			
			6" PIPE CLASS J-1	8" PIPE CLASS F-4	6" PIPE CLASS I-3	J-1 I-3		
			SHALLOW	DEEP	6" 60° BEND	6" 60° WYE	6" 90° TEE	
			L.F.	L.F.	EA.	EA.	EA.	
I-D	814+04	816+25	Lt.	10	241			
2-D	816+25	36+92.88	Lt.	10		1,593		
3-D	Ramp 19+59	20+27	Rt.	42		85		
TOTALS				42	20	241	1,678	2

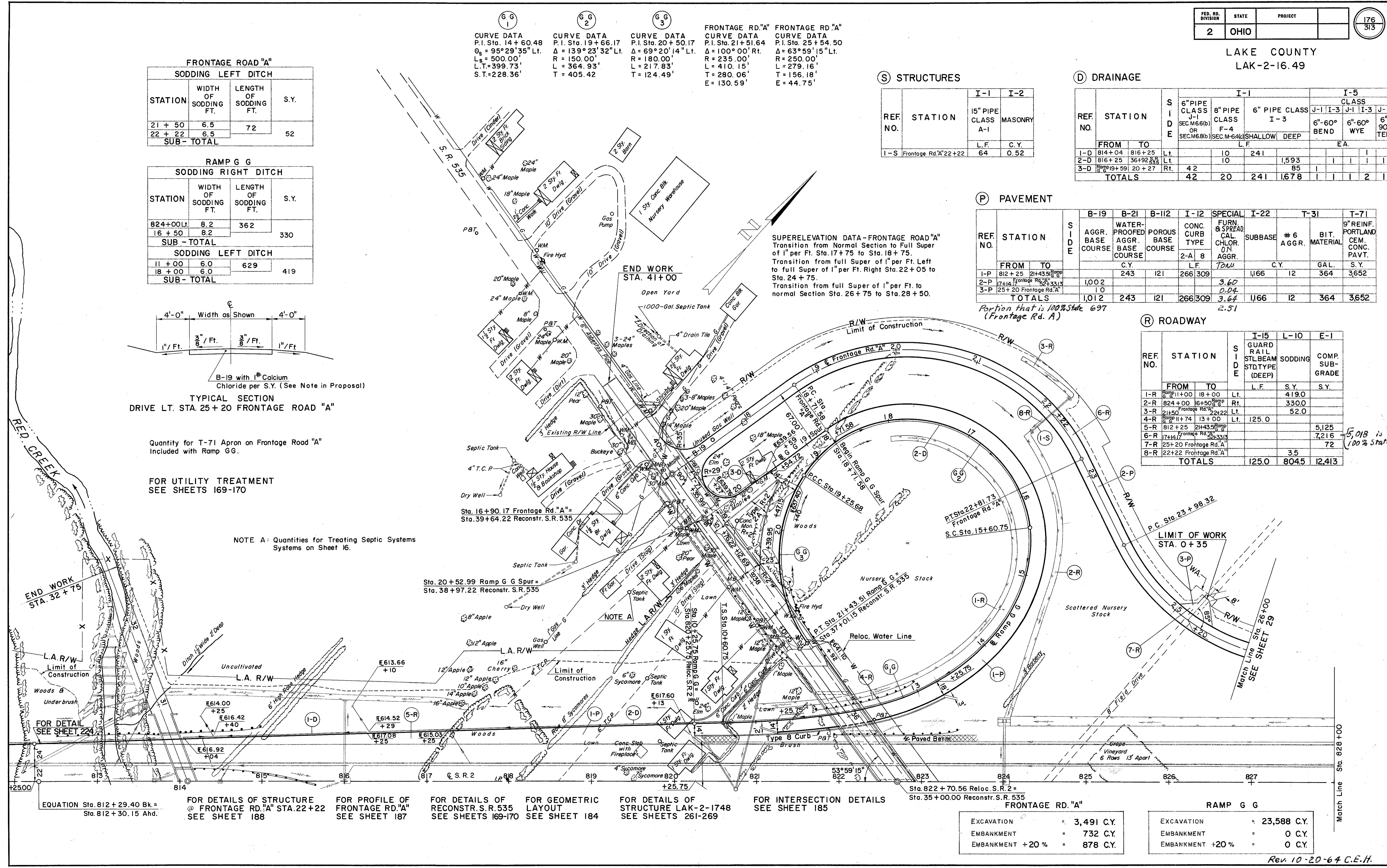
(P) PAVEMENT

REF. NO.	STATION	SIDE	B-19		B-21		B-112		I-12		SPECIAL		I-22		T-31		T-71	
			AGGR. BASE COURSE	WATER-PROOFED AGGR. BASE COURSE	POROUS BASE COURSE	CONC. CURB TYPE	FURN. & SPREAD CAL. CHLOR. ON AGGR.	SUBBASE	# 6 AGGR.	BIT. MATERIAL	9" REINF. PORTLAND CONC. PAVT.							
			C.Y.	C.Y.	C.Y.	L.F.	TONS	C.Y.	GAL.	S.Y.	C.Y.	GAL.	S.Y.	C.Y.	GAL.	S.Y.		
I-P	812+25	21+43.5		243	121	266	309		1,166	12	364	3,652						
2-P	17+14	Frontage Rd. "A" 22+22	1,002					3.60										
3-P	25+20	Frontage Rd. "A"	10					0.04										
TOTALS			1,012	243	121	266	309	3.64	1,166	12	364	3,652						

Portion that is 100% State 697 (Frontage Rd. A) 2.51

(R) ROADWAY

REF. NO.	STATION	SIDE	I-15		L-10		E-1	
			GUARD RAIL STL BEAM	SODDING	STL. TYPE (DEEP)	COMP. SUB-GRADE		
			L.F.	S.Y.	L.F.	S.Y.	L.F.	S.Y.
I-R	811+00	18+00	Lt.		419.0			
2-R	824+00	16+50	Rt.		330.0			
3-R	21+50	Frontage Rd. "A" 22+22	Lt.		52.0			
4-R	811+74	13+00	Lt.	125.0				
5-R	812+25	21+43.5					5,125	
6-R	17+14	Frontage Rd. "A" 22+22					7,216	
7-R	25+20	Frontage Rd. "A"					72	
8-R	22+22	Frontage Rd. "A"				3.5		
TOTALS				125.0	804.5		12,413	



EQUATION Sta. 812 + 29.40 Bk. =
Sta. 812 + 30.15 Ahd.

FOR DETAILS OF STRUCTURE
@ FRONTAGE RD. "A" STA. 22 + 22
SEE SHEET 188

FOR PROFILE OF
FRONTAGE RD. "A"
SEE SHEET 187

FOR DETAILS OF
RECONSTR. S.R. 535
SEE SHEETS 169-170

FOR GEOMETRIC
LAYOUT
SEE SHEET 184

FOR DETAILS OF
STRUCTURE LAK-2-1748
SEE SHEETS 261-269

FOR INTERSECTION DETAILS
SEE SHEET 185

FRONTAGE RD. "A"

EXCAVATION	= 3,491 C.Y.
EMBANKMENT	= 732 C.Y.
EMBANKMENT +20 %	= 878 C.Y.

RAMP G G

EXCAVATION	= 23,588 C.Y.
EMBANKMENT	= 0 C.Y.
EMBANKMENT +20 %	= 0 C.Y.