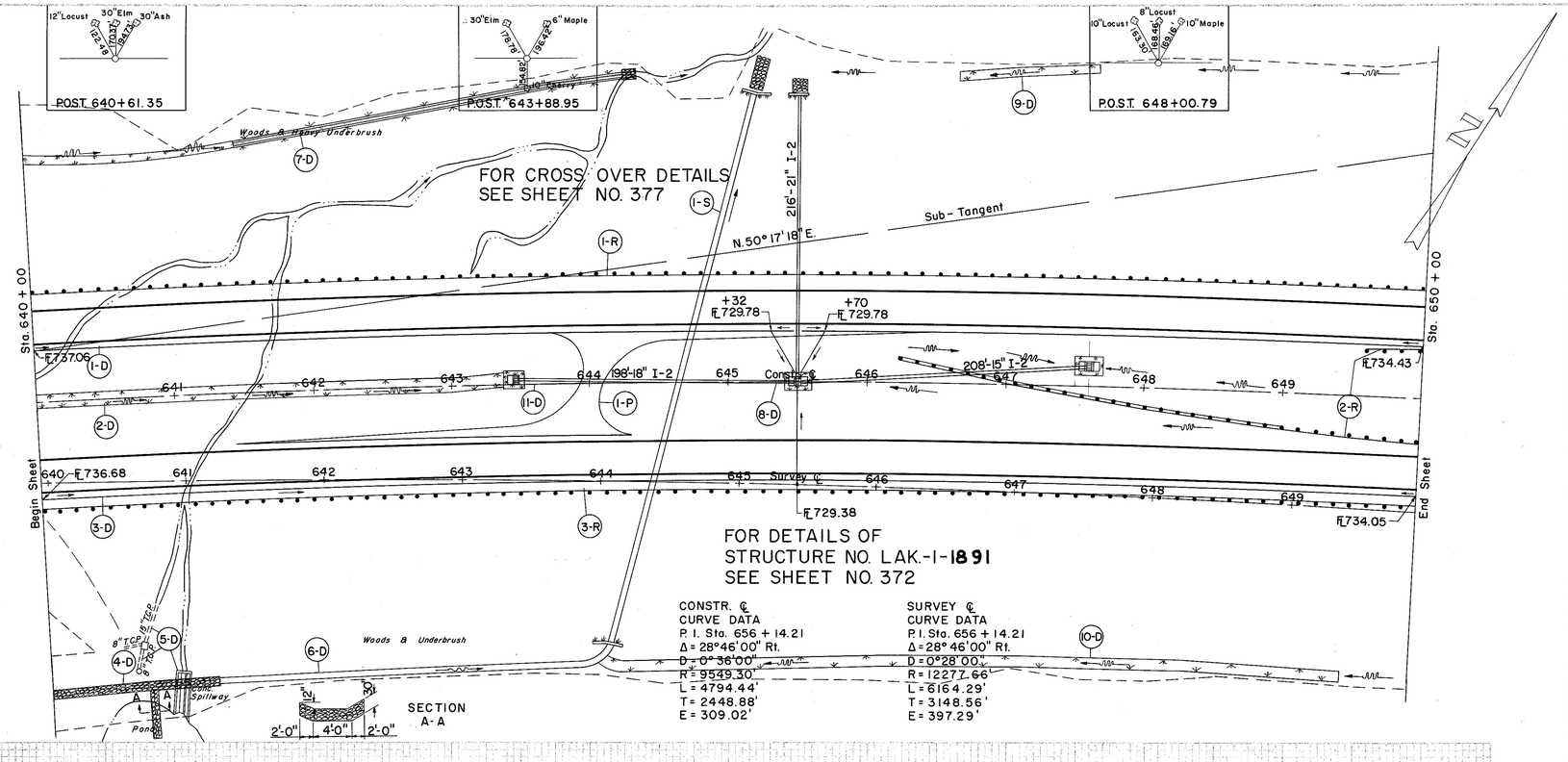
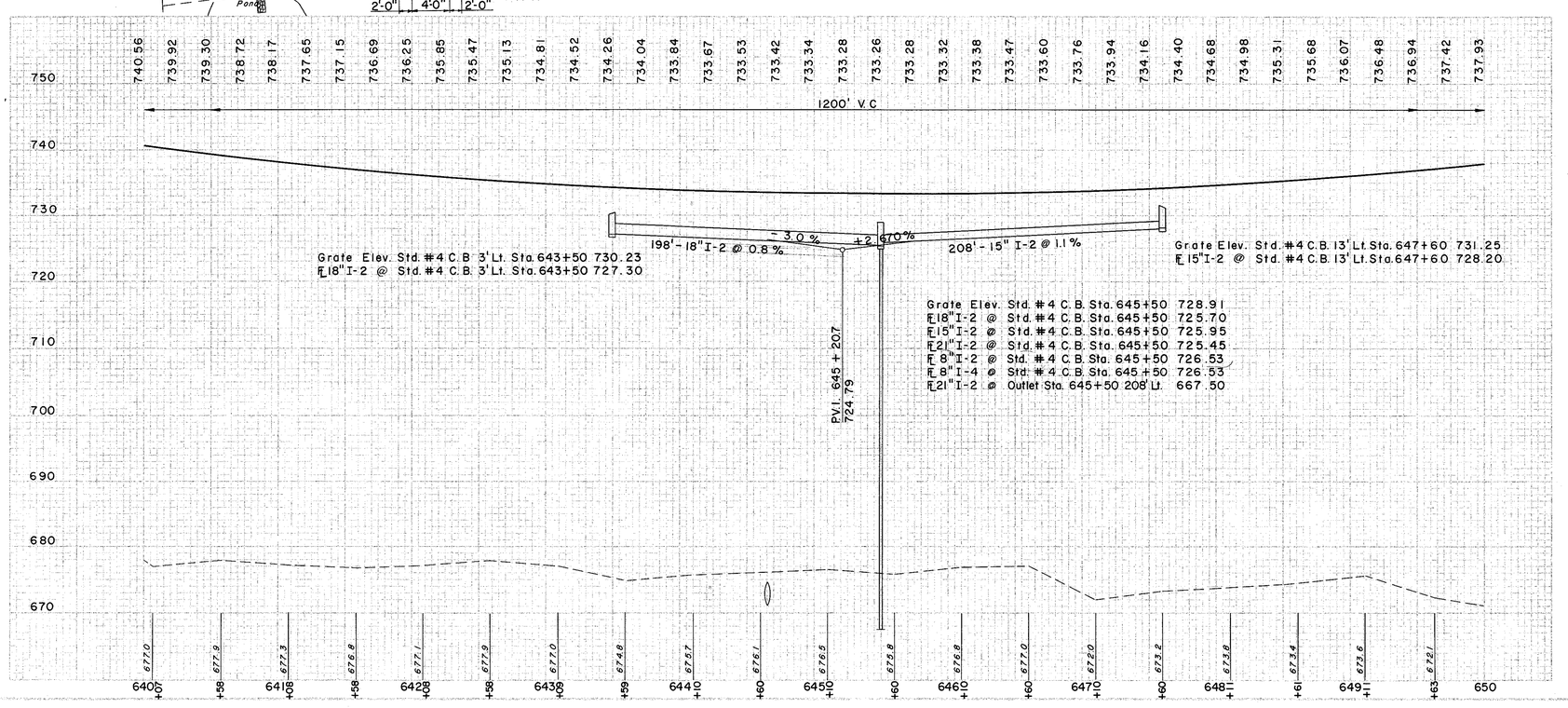
FED. ROAD DIVISION	STATE	PROJECT	
2	OHIO	ACI-1103(27)	

26
413

LAKE COUNTY
LAK-1-16.55





Ⓓ DRAINAGE

REF. NO.	STATION FROM	STATION TO	SIDE OR ℄	I-2 CL."A" STORM SEWER UNDER PAVT. SEC. M-6.5(b) OR M-6.8(b) 8" L.F.	I-2 CL."A" STORM SEWER SEC. M-6.5(b) OR 6.8(a) 15" L.F.	I-2 CL."A" STORM SEWER SEC. M-6.8(b) 21" L.F.	I-2 STORM SEWER SEC. M-6.4(c) 18" L.F.	I-2 8" OUT-LET PIPE SEC.M-6.4(c) L.F.	I-2 8" OUT-LET PIPE SEC.M-6.4(c) SHALLOW L.F.	I-3 6" PIPE UNDER DRAIN 6" L.F.	I-4 8" OUT-LET PIPE SEC.M6.4(b) L.F.	I-4 6" 90° TEE EACH	I-5 6" 60° WYE EACH	I-5 6"x 6" INCREASER EACH	I-8 STD.#4 CATCH BASIN EACH	I-10 DUMPED ROCK C.Y.	I-14 TYPE I PAVED GUTTER L.F.	L-10 SODDING S.Y.	S-1 CONC. FOR STRUCT. CL."C" C.Y.	S-4 REINF. STEEL L.B.	E-12 REMOVAL OF PIPE 15" & UNDER L.F.	E-2 EXC. FOR STRUCT. C.Y.	E-3 CHANNEL EXC. C.Y.	S-24 REMOVAL OF EXIST. STRUCT. LUMP
1-D	640+00	650+00	LT.											1		88									
2-D	640+00	643+50	℄																						
3-D	640+00	650+00	RT.	58				10		1000		1													
4-D	640+00	641+25	RT.																						
5-D	641+00		RT.													7	295	248	4.1	193		7		12.9	LUMP
6-D	641+25	644+12	RT.													3	10	50							
7-D	640+00	644+26	LT.															433							
8-D	643+50	647+60	&LT			88	198	128																	
9-D	646+50	647+50	LT.																						
10-D	644+00	649+50	RT.							50		10													
11-D	643+50	644+10	℄																						

ⓢ STRUCTURES

REF. NO.	STATION FROM	STATION TO	SIDE OR ℄	E-2 EXC. FOR STRUCT. C.Y.	E-3 CHANNEL EXCAV. C.Y.	I-10 DUMPED ROCK C.Y.	L-10 SODDING S.Y.	S-1 CONC. FOR STRUCT. CL."C" C.Y.	S-4 REINF. STEEL L.B.	S-27 42" PIPE RDWY CULV. SEC. M-64(d) L.F.
I-S	644+65		℄	464	73	2.1	8	23.6	1196	414

ROADWAY

REF. NO.	STATION FROM	STATION TO	SIDE OR ℄	E-2 EXC. FOR STRUCT. C.Y.	E-3 CHANNEL EXCAV. C.Y.	I-10 DUMPED ROCK C.Y.	L-10 SODDING S.Y.	S-1 CONC. FOR STRUCT. CL."C" C.Y.	S-4 REINF. STEEL L.B.	S-27 SIDE OR ℄ GUARD FENCE BARRIER RAIL STEEL RAIL STEEL TYPE 10 (DEEP) M-28
I-R	640+00	650+00	LT.							1000'
2-R	646+23	650+00	℄							137.5'
3-R	640+00	650+00	RT.							1000'
	TOTALS									2137.5'

SODDING LEFT DITCH

STATION	DEPTH OF SODDING FT.	SLOPES F	SLOPES B	WIDTH OF SODDING FT.	LENGTH FT.	S. Y.
646+50	0.3	4:1	4:1	4.5	100	50
643+50	1.4	4:1	4:1	4.5	150	100
640+00	1.4	2:1	2:1	7.0	150	150
641+50	0.75	2:1	2:1	5.0	SUBTOTAL	
SODDING MEDIAN						
640+00	0.4	8:1	8:1	10.5	350	408
643+50		8:1	8:1	10.5		
SODDING RIGHT DITCH						
644+12	.84	4:1	4:1	9.0	538	433
649+50	.46	4:1	4:1	5.5		

Ⓟ PAVEMENT

REF. NO.	STATION	SIDE OR ℄	E-101 B-33 COMP SUBGR. S.Y.	T-31 BIT. MATL. AGGR. S.Y.	T-31 #46 AGGR. GAL.	T-31 #6 AGGR. C.Y.	I-18 T-22 15" C.Y.	I-18 T-22 6" C.Y.
I-P	644+00	℄	4730	4730	236.5	3.8	66.0	81.4

EXCAVATION	= 1,843 C.Y.
EMBANKMENT	= 610,506 C.Y.
EMBANKMENT 22 %	= 744,817 C.Y.

STA. 640+00 TO STA. 650+00