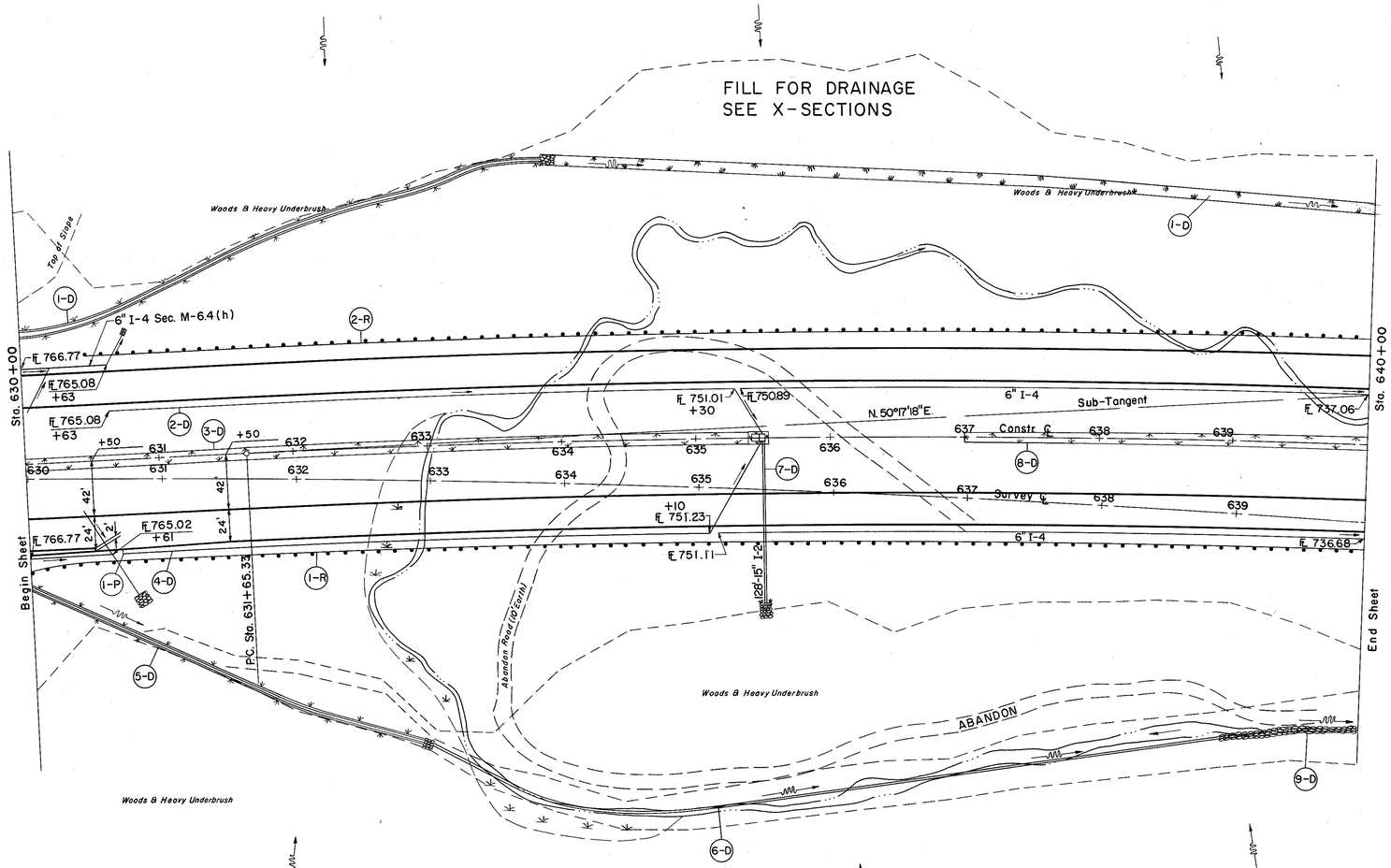
FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	ACI-1103(27)	

LAKE COUNTY
LAK-1-16.55

12" Elm
8" Elm
6" Locust
183.01
194.87
179.58
P.O.S.T. Sta. 632+45.61

10" Ash
12" Elm
30" Beach
68.72
25.10
60.43
P.O.S.T. Sta. 636+24.65

B.M.# 71A Lag Bolt in root of 8" Walnut
160' Lt of Sta. 639+25
Elev. 683.67



SURVEY ℄
CURVE DATA
P.I. Sta. 656+14.21
Δ = 28°46'00" Rt.
D = 0°28'00"
R = 12,277.66'
L = 6164.29'
T = 3148.56'
E = 397.29'

CONSTR. ℄
CURVE DATA
P.I. Sta. 656+14.21
Δ = 28°46'00" Rt.
D = 0°36'00"
R = 9549.30'
L = 4794.44'
T = 2448.88'
E = 309.02'

Ⓓ DRAINAGE

REF. NO.	STATION FROM	STATION TO	SIDE	I-1 STD.#4 CATCH BASIN	I-10 DUMPED ROCK CHANNEL PROTECT C.Y.	I-14 PAVED GUTTER MOD. TYPE I LIN. FT.	L-10 SODDING S.Y.	E-3 CHANNEL EXCAV. C.Y.	E-2 EXC. FOR STRUCT. C.Y.	S-1 CONC. FOR STRUCT. CL. "C" C.Y.	S-4 BAR REINF. FOR STRUCT. LB.	S-29 EROSION CONTROL PAD. C.Y.
1-D	630+00	640+00	LT.		3	319	1395					0.3
2-D	630+00	640+00	LT.			105	642					
3-D	630+00	635+50	℄					2414	6	3.1	146	
4-D	630+00	640+00	RT.		3	315	105					0.3
5-D	630+00	633+00	RT.	1	3		21					
6-D	633+00	639+00	RT.	1	3		300					
7-D	635+50		℄ RT.		56							
8-D	637+00	640+00	℄									
9-D	639+00	640+00	RT.									

REF. NO.	STATION FROM	STATION TO	SIDE	I-2 CL. "A" STORM SEWER UNDER PAVT. SEC.M-6.5(M-6.8(h)) 8" LIN. FT.	15" LIN. FT.	I-4 C.M.P. OUT-LET PIPE, SEC.M-6.4(h) 8" LIN. FT.	SHALLOW UNDER-DRAIN 6" LIN. FT.	UNDER-DRAIN SEC.M-6.4(h) 6" LIN. FT.	OUTLET PIPE SEC.M-6.4(h) 8" LIN. FT.	I-5 6" 90° BEND SEC. M-6.4(h) EACH	6" 60° BEND SEC. M-6.4(h) EACH	I-15 GUARD RAIL STEEL POST TYPE (DEEP) M229 LIN. FT.
1-R	630+00	640+00	RT.				949	115	20		1	1000
2-R	630+50	640+00	LT.				945	136	10		1	950
			TOTAL									1950

Ⓟ PAVEMENT

REF. NO.	STATION FROM	STATION TO	SIDE ℄	I-71 10" CONC. S.Y.	I-22 E-101 6" COMPACT SUB-GRADE C.Y.	I-22 E-101 6" COMPACT SUB-GRADE S.Y.
1-P	630+00	631+50	0' RT.	25	42	25

ROADWAY

REF. NO.	STATION FROM	STATION TO	SIDE ℄
1-R	630+00	640+00	RT.
2-R	630+50	640+00	LT.
			TOTAL

SODDING MEDIAN DITCH

STATION	DEPTH OF SODDING FT.	SLOPES F.	SLOPES B.	WIDTH OF SODDING FT.	LENGTH FT.	S.Y.
630+00	0.4	8:1	8:1	10.5	550	642
635+50		8:1	8:1	10.5		
637+00	0.3	8:1	8:1	9.0	300	300
640+00		8:1	8:1	9.0		
					SUB TOTAL	942

SODDING LEFT DITCH

STATION	DEPTH OF SODDING FT.	SLOPES F.	SLOPES B.	WIDTH OF SODDING FT.	LENGTH FT.	S.Y.
634+00	0.7	4:1	4:1	8.0	300	292
637+00		4:1	4:1	9.5	200	184
639+00	0.9	2:1	2:1	7.0	100	778
640+00	1.2	2:1	2:1	7.0		
					SUBTOTAL	1254

STA. 630+00 TO STA. 640+00