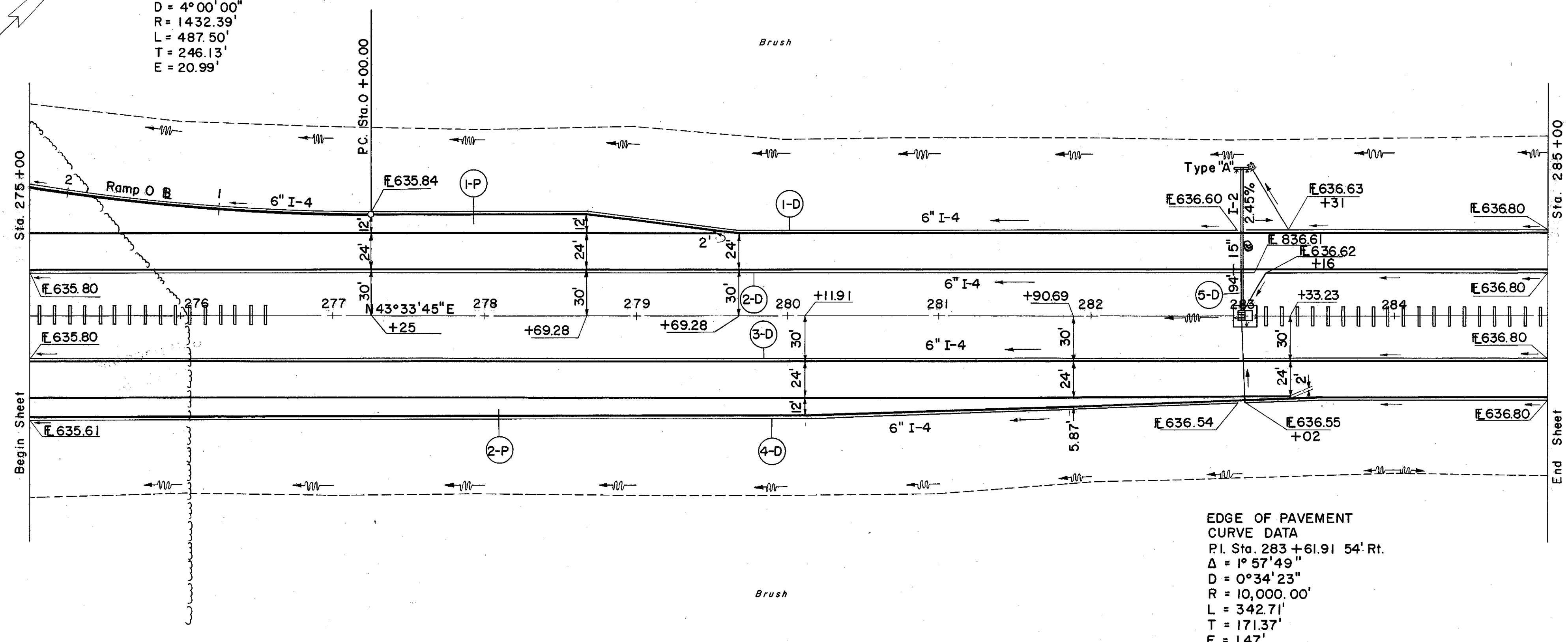


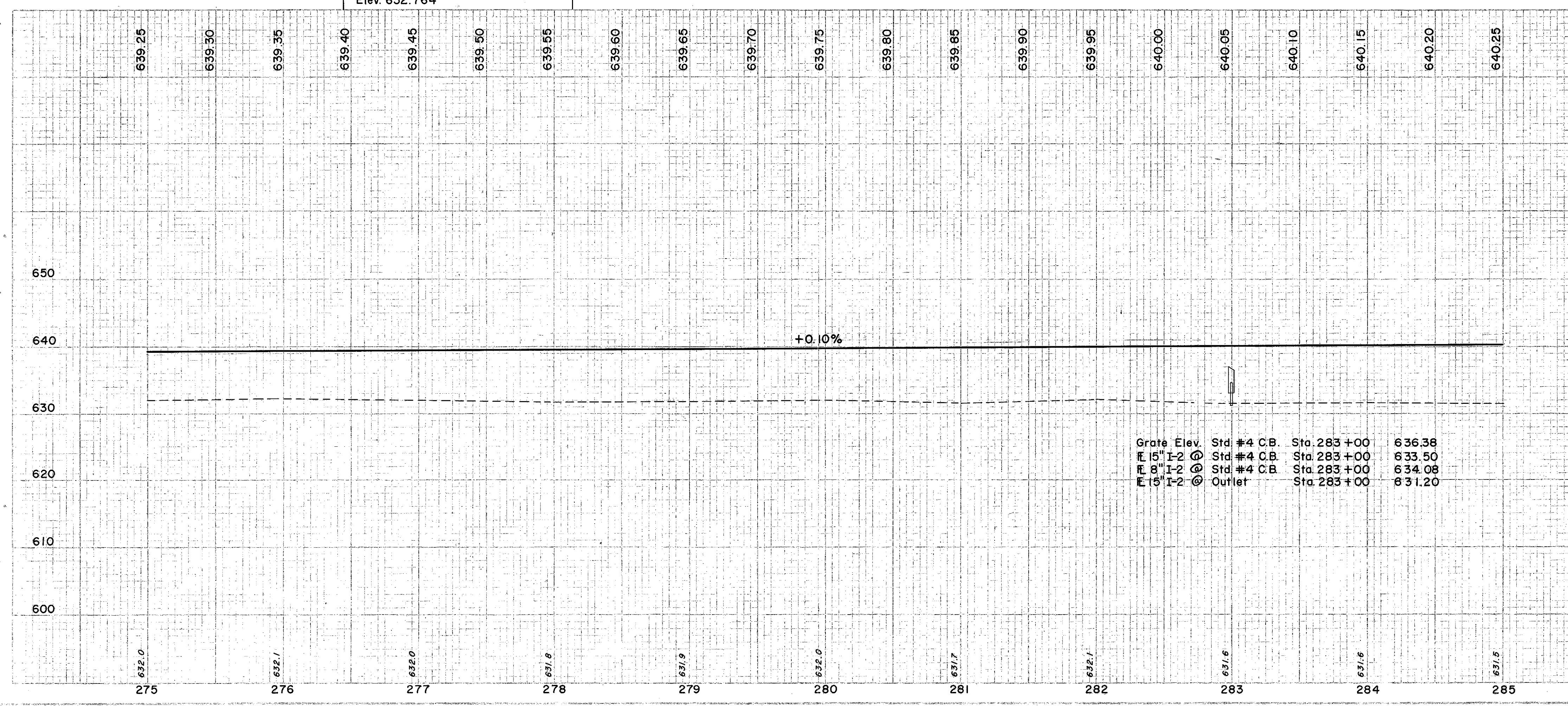
LAKE COUNTY
LAK-2-4.42

CURVE DATA
P.I. Sta. 2+46.13
 $\Delta = 19^\circ 30' 00''$
 $D = 4^\circ 00' 00''$
 $R = 1432.39'$
 $L = 487.50'$
 $T = 246.13'$
 $E = 20.99'$



EDGE OF PAVEMENT
CURVE DATA
P.I. Sta. 283+61.91 54' Rt.
 $\Delta = 1^\circ 57' 49''$
 $D = 0^\circ 34' 23''$
 $R = 10,000.00'$
 $L = 342.71'$
 $T = 171.37'$
 $E = 1.47'$

B.M. # 20 Lag Bolt in base 30" Maple
275' Lt. Sta. 276+20
Elev. 632.764



Grate Elev.	Std. #4 C.B.	Sta. 283+00	636.38
15" I-2	Std. #4 C.B.	Sta. 283+00	633.50
8" I-2	Std. #4 C.B.	Sta. 283+00	634.08
15" I-2	Outlet	Sta. 283+00	631.20

REF. STATION NO.	FROM TO	SIDE	STATION		CONC.		BASE		SUB-GRADE		E-1		
			FROM	TO	S.Y.	C.Y.	S.Y.	C.Y.	S.Y.	C.Y.			
I-2	CL 'A' STORM SEWER UNDER PAVT SEC. M-65(b) OR M-68(b)		277+25	285+00	10	10							
I-4	8" OUT-LET PIPE UNDER DRAIN SEC. M-64(c) SHALLOW		277+25	285+00	10	10							
I-5	6" 60° BEND WYE OR SEC. M-65(b)		283+00	283+00	1	1							
I-8	6" 60° TEE CATCH BASIN		283+00	283+00	1	1							
I-10	SODDING		283+00	283+00	60	60							
S-1	CONC. FOR STRUCT. CL. "C"		283+00	283+00	3.1	3.1							
S-4	REINF. FOR STRUCT. STEEL		283+00	283+00	146	146							
E-2	EXC. FOR STRUCT.		283+00	283+00	8	8							
S-29	DRAINAGE OF STRUCT. #2 AGGR.		283+00	283+00	0.3	0.3							
I-5	6" 90° BEND EASER		283+00	283+00									
I-5	6" X 8" INCR.		283+00	283+00									
TOTALS											1314	219	1314

(P) PAVEMENT

REF. SIDE NO.	STATION	CONC.		BASE		SUB-GRADE	
		FROM	TO	S.Y.	C.Y.	S.Y.	C.Y.
I-P	277+25	279+69.28	259	43	259	43	
2-P	274+25	285+33.28	1055	176	1055	176	
TOTALS			1314	219	1314		

EXCAVATION	=	591 C.Y.
EMBANKMENT	=	39,251 C.Y.
EMBANKMENT * 20%	=	47,101 C.Y.