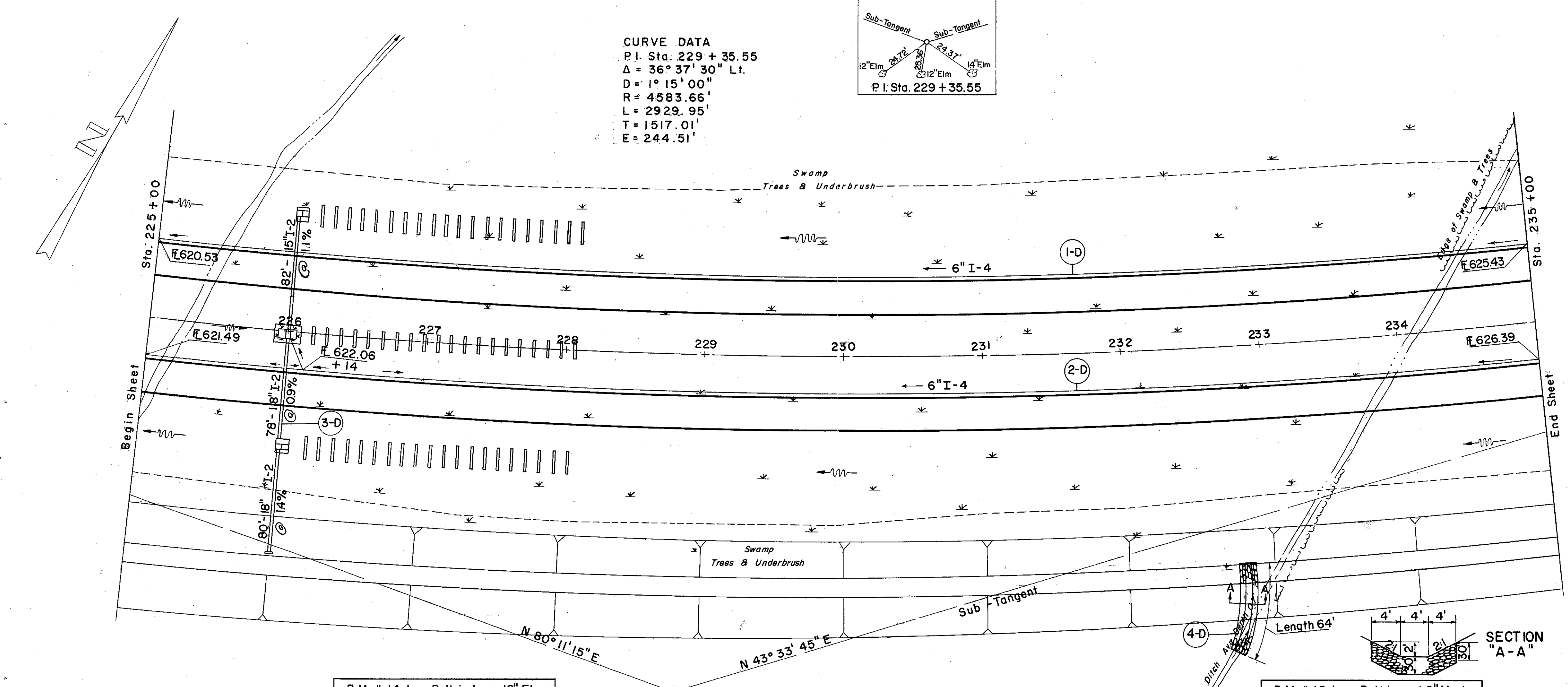
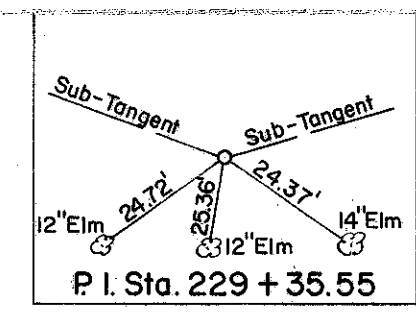
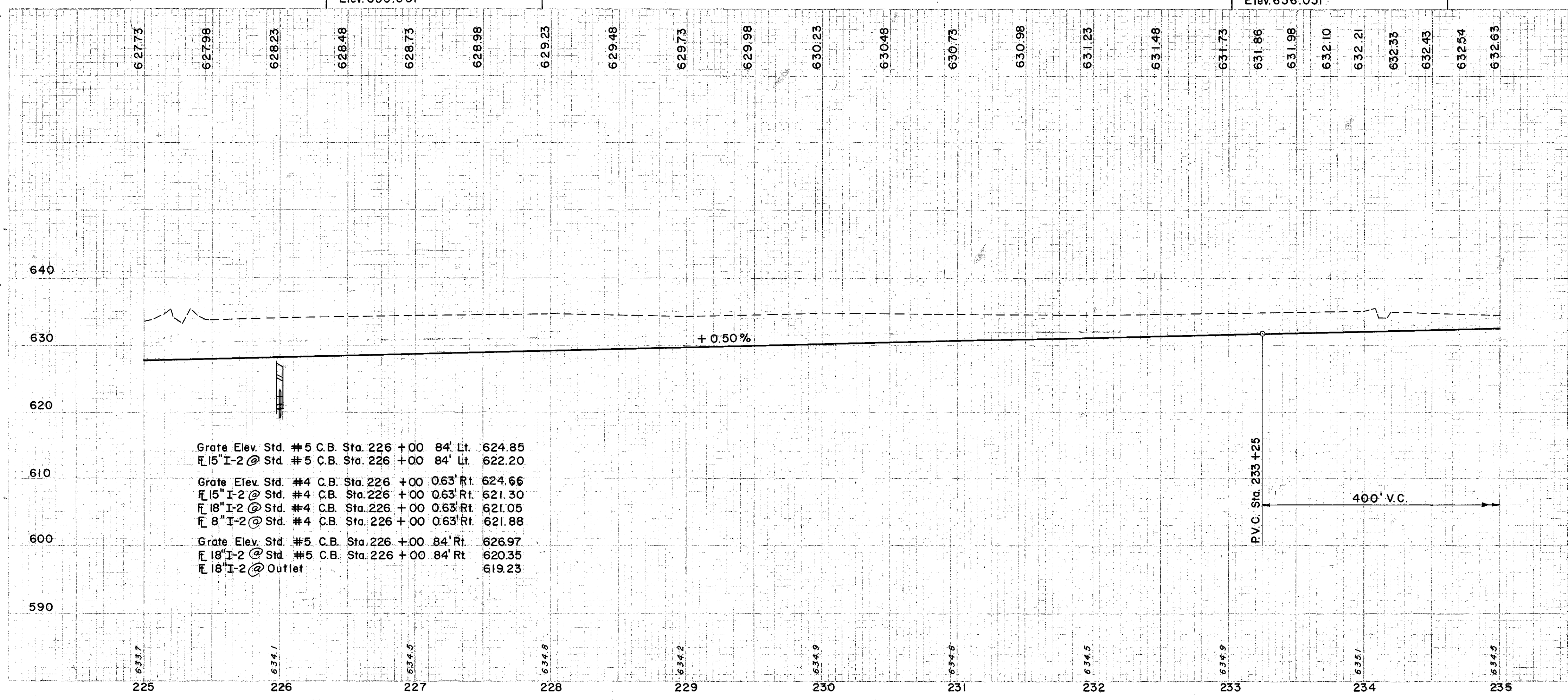


CURVE DATA
P.I. Sta. 229 + 35.55
 $\Delta = 36^\circ 37' 30''$ Lt.
 $D = 1^\circ 15' 00''$
 $R = 4583.66'$
 $L = 2929.95'$
 $T = 1517.01'$
 $E = 244.51'$



B.M. #14 Lag Bolt in base 18" Elm
250' Rt. Sta. 228+00
Elev. 635.031

B.M. #15 Lag Bolt in root 8" Maple
175' Rt. Sta. 234+25
Elev. 636.031



Grate Elev. Std. #5 C.B. Sta. 226 +00 84' Lt. 624.85
 $\nabla 15''$ I-2 @ Std. #5 C.B. Sta. 226 +00 84' Lt. 622.20
Grate Elev. Std. #4 C.B. Sta. 226 +00 0.63' Rt. 624.66
 $\nabla 15''$ I-2 @ Std. #4 C.B. Sta. 226 +00 0.63' Rt. 621.30
 $\nabla 18''$ I-2 @ Std. #4 C.B. Sta. 226 +00 0.63' Rt. 621.05
 $\nabla 8''$ I-2 @ Std. #4 C.B. Sta. 226 +00 0.63' Rt. 621.88
Grate Elev. Std. #5 C.B. Sta. 226 +00 84' Rt. 626.97
 $\nabla 18''$ I-2 @ Std. #5 C.B. Sta. 226 +00 84' Rt. 620.35
 $\nabla 18''$ I-2 @ Outlet 619.23

① DRAINAGE

REF. NO.	STATION	FROM	TO	CLASS "A" STM SWR UNDER PAVEMENT SEC. M-6.5 (b) OR M-6.8 (b)	CLASS "A" 6" PIPE UNDER DRAIN (DEEP)	8" OUTLET PIPE SEC. M-6.4 (c)	S-1 CONC. FOR STRUCT. CLASS 1	E-2 EXC. FOR STRUCT.	L-10 SODDING	I-5 6" 60° WYE	I-8 STD.#4 CATCH BASIN	I-10 DUMPED ROCK CHANNEL PROTECT
				15" LIN. FT.	18" LIN. FT.	10" LIN. FT.	CY.	CY.	S.Y.		EACH	C.Y.
I-D	225+00	225+00	235+00	80	1000	10	0.30	2	162		2	71
2-D	225+00	225+00	228+00	82	78							
3-D	226+00	226+00	228+05									
4-D	232+85											

EXCAVATION	=	62,869 C.Y.
EMBANKMENT	=	0 C.Y.
EMBANKMENT +20%	=	0 C.Y.