

MAY 8 1985

BENCH MARK
Top of Hydrant @ Corner of Fobes Street & U.S. 20, Elev. = 655.46

F.H.R.A. AGENCY	STATE	PROJECT
5	OHIO	

16
86

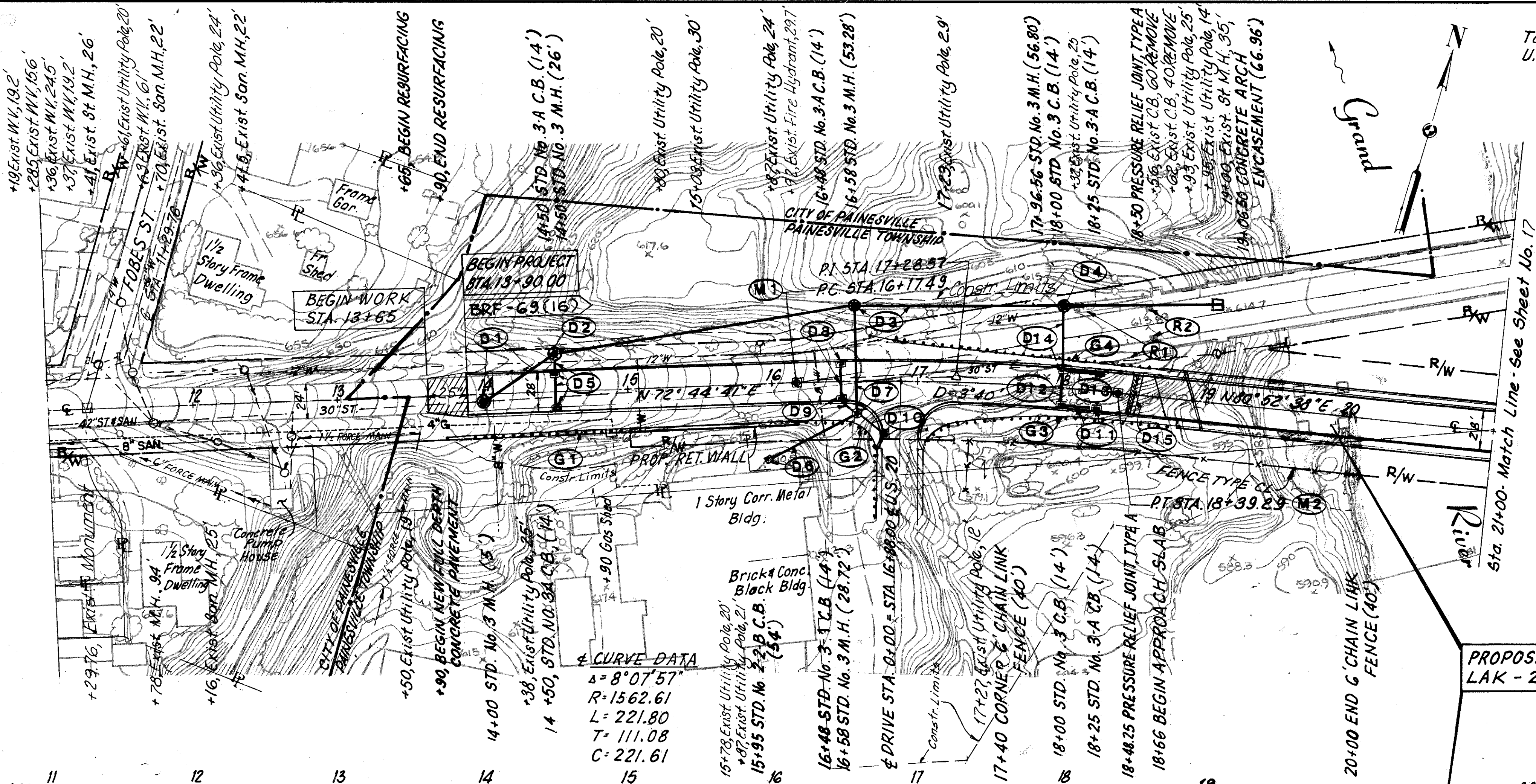
LAK-20-17.14

REFERENCE

Sh. No. 48 to 63	Bridge
Sh. No. 19 to 22	Cross Sections
Sh. No. 46 & 47	Retaining Wall

REFERENCE

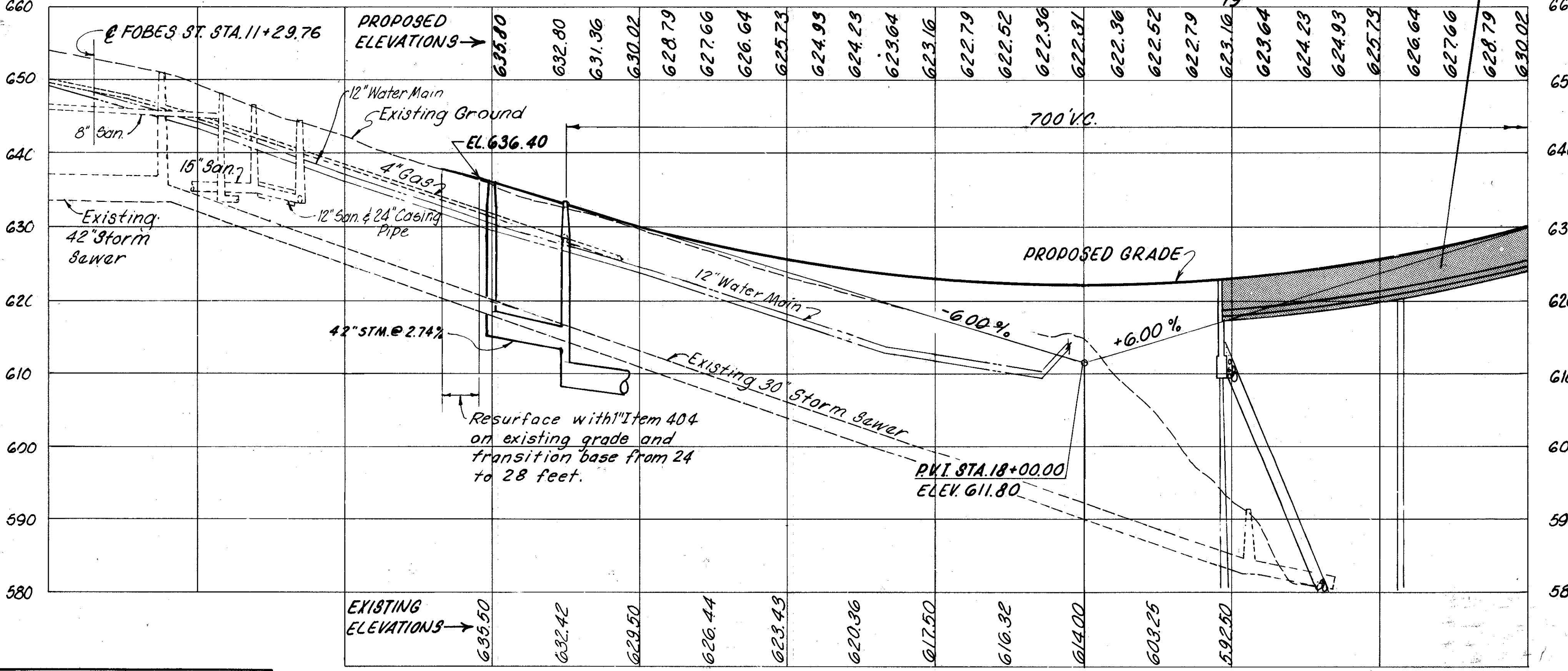
Sheet No. 44	Sewer Profiles
Sh. No. 32 to 35	Driveway Details
Sh. No. 37	Guardrails
Sh. No. 70 to 81	Waterwork



GUARDRAIL

REF. NO.	SIDE	STATION	606			
			GUARDRAIL TYPE 5	ANCHOR ASSEMBLY TYPE A	BRIDGE TERMINAL ASSEMBLY TYPE A	ANCHOR ASSEMBLY TYPE T
G 1	RT.	13+75	100	1	1	
G 2	RT.	16+16	68.75		1	1
G 3	RT.	17+07.45	175		1	1
G 4	LT.	16+70	175	1	1	
TOTAL			518.75	2	4	2

QUANTITY CALCULATIONS
BY C.E.R. DATE 9-85
CHKD. I.M. DATE 9-85
WOODRUFF, INC.



MONUMENT

REF. NO.	SIDE	STATION	FROM TO		EACH	TOTAL
			M 1	M 2		
604			16+17.49	18+39.29	1	2
TOTAL						2

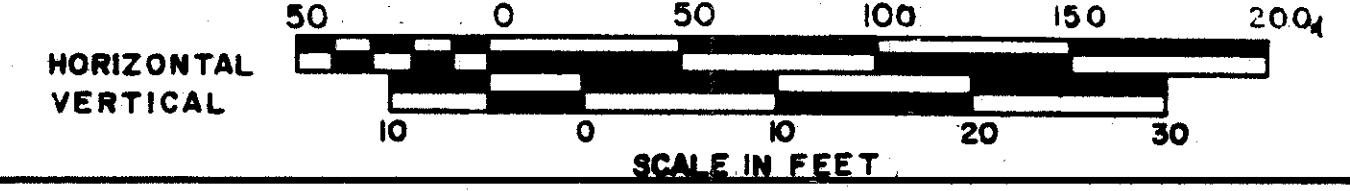
REMOVAL

REF. NO.	SIDE	STATION	FROM TO		EACH	TOTAL
			R-1	R-2		
202			16+65	18+65	400	2
TOTAL						400

DRAINAGE

REF. NO.	SIDE	STATION	FROM TO		LIN. FT.	TOTAL
			D 1	D 2		
D 1	RT-LT		14+00	14+50	50	5
D 2	LT		14+50	16+58	118	11
D 3	LT		16+58	17+96.56	138.56	14
D 4	LT		17+96.56	19+06.50	110	11
D 5	RT-LT		14+50	14+50	0	0
D 6	RT		15+95	16+58	63	7
D 7	RT-LT		16+58	16+58	0	0
D 8	RT-LT		16+48	16+58	10	1
D 9	RT		16+48	16+58	10	1
D 10	RT		18+00	18+25	25	3
D 11	RT		18+00	18+00	0	0
D 12	RT-LT		18+00	18+25	25	3
D 13	LT		17+96.56	18+00	3.44	0
D 14	LT		17+96.56	18+00	3.44	0
D 15	LT		18+55	18+55	0	0
TOTAL					518.75	93

SCALE AS SHOWN
MADE & DATE
TRCD
WOODRUFF, INC.
CONSULTING ENGINEERS
CLEVELAND OHIO



U.S. 20 OVER GRAND RIVER