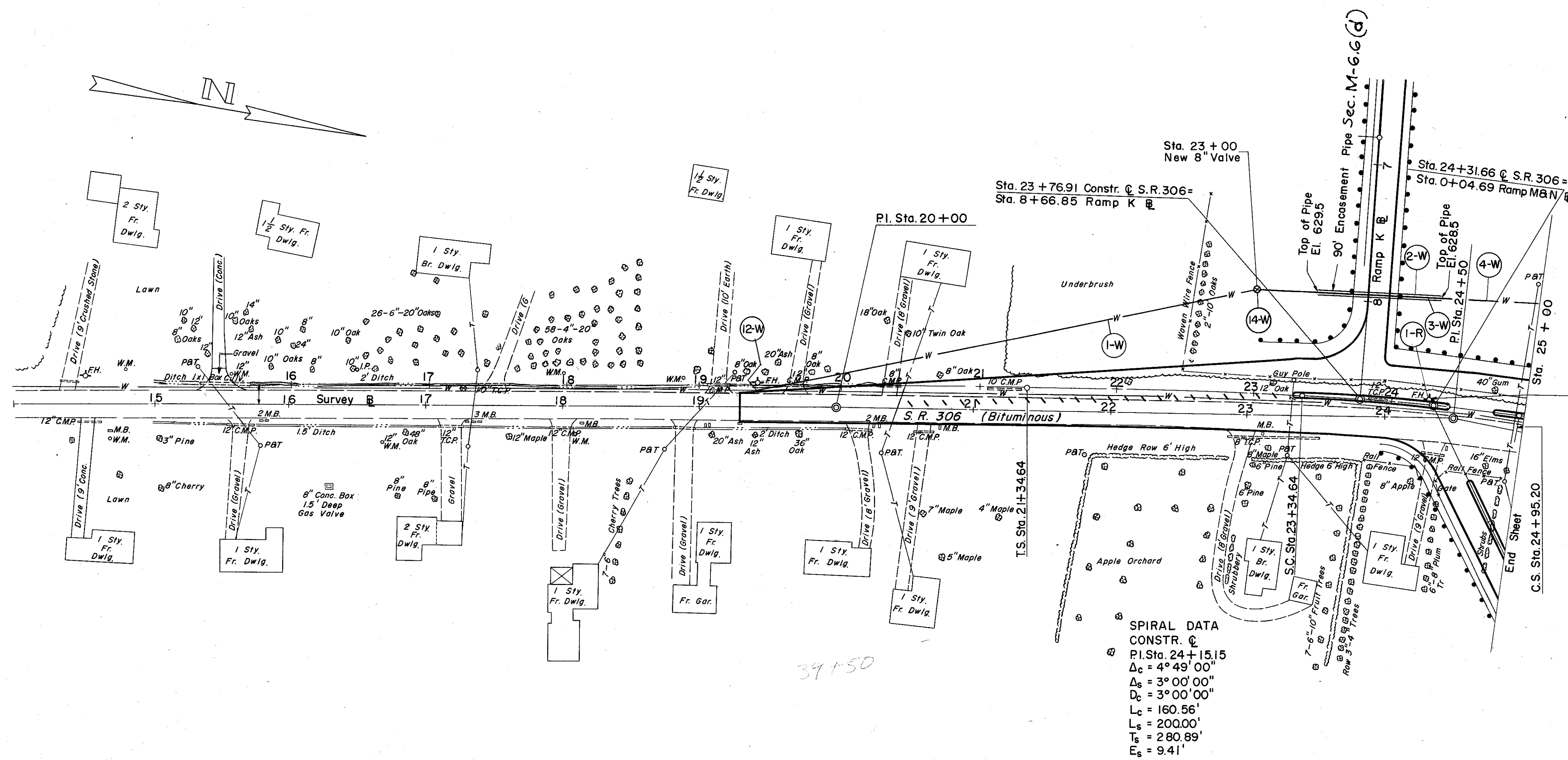


LAKE COUNTY
LAK-2-4.42



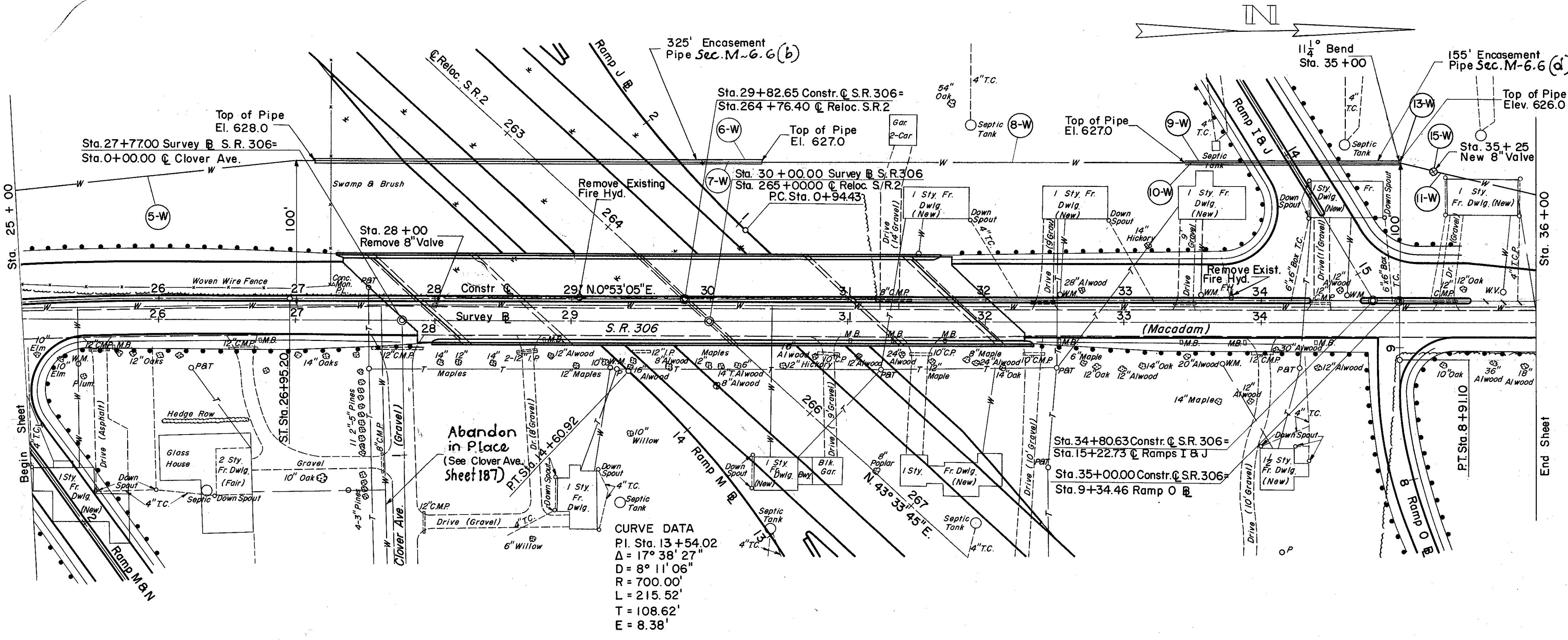
NOTES
Removal of existing fire hydrants, valves and other appurtenances to the abandoned line, necessitated by the proposed construction shall be considered miscellaneous removals as per Sec. E-1.03 (c).

Payment for adapters, if required, for connecting cast iron to wrought iron pipe shall be included in the unit price bid for new 8" I.D. C.I. Pipe Cl. 150 Mechanical Joint, Item I-124.03.

Ends of abandoned water lines that are exposed by construction operations shall be capped. Payment for same shall be included in Item E-1, Roadway Excavation.

SPIRAL DATA CONSTR. C
 P.I. Sta. 24+15.15
 $\Delta_c = 4^\circ 49' 00''$
 $\Delta_s = 3^\circ 00' 00''$
 $D_c = 3^\circ 00' 00''$
 $L_c = 160.56'$
 $L_s = 200.00'$
 $T_s = 280.89'$
 $E_s = 9.41'$

REF. NO.	SIDE	STATION	NEW WATER LINE							
			I-124.03	I-124.03	I-2	I-124.03	I-124.03			
			8" I.D. C.I. PIPE CL. 150 MECH. JT.	8" I.D. W.I. PIPE STD. M-6.10	24" REINF. CONC. PIPE 30" I.D. 20' L.	8" VALVE & BOX	11 1/4" BEND C-I			
1-W	LT	19+40	23+35	404						
2-W	LT	23+45	24+35			90				
3-W	LT	23+35	24+45		110					
4-W	LT	24+45	25+00	55						
5-W	LT	25+00	27+03	204						
6-W	LT	27+13	30+38			325				
7-W	LT	27+03	30+48		345					
8-W	LT	30+48	33+34	286						
9-W	LT	33+44	34+99			155				
10-W	LT	33+34	35+00	166						
11-W	LT	35+00	36+00	100						
12-W	RT	19+40								
13-W	LT	35+00								
14-W	LT	23+00								
15-W	LT	35+25								
TOTAL					1049	621	325	245	2	3



CURVE DATA
 P.I. Sta. 13+54.02
 $\Delta = 17^\circ 38' 27''$
 $D = 8^\circ 11' 06''$
 $R = 700.00'$
 $L = 215.52'$
 $T = 108.62'$
 $E = 8.38'$

WATER MAIN RELOCATION
FOR S.R. 306
SCALE: 1" = 50'