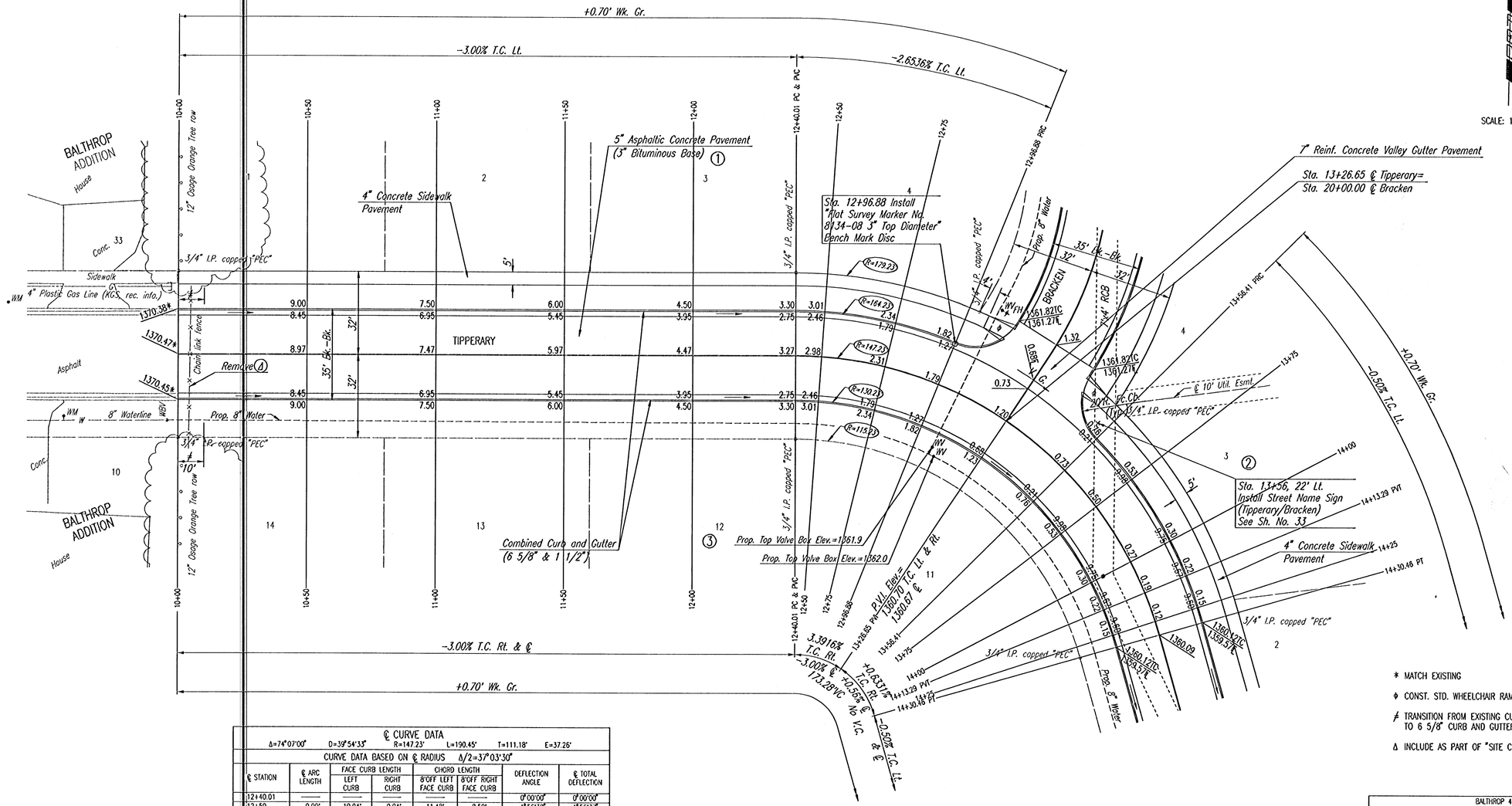
PROJECT NO.	SHEET NO.	TOTAL SHEETS
472-83468	6	55

WATER VALVE BOX ELEVATIONS			
STREET	STATION	OFFSET	PROPOSED ELEVATION
TIPPERARY	13+05.10	23.0'RL	1361.9
TIPPERARY	13+07.55	25.5'RL	1362.0

SCALE: 1"=20'



* MATCH EXISTING

Φ CONST. STD. WHEELCHAIR RAMP

≠ TRANSITION FROM EXISTING CURB AND GUTTER TO 6 5/8" CURB AND GUTTER

Δ INCLUDE AS PART OF "SITE CLEARING"

℄ CURVE DATA

Δ=74°07'00" D=39°54'33" R=147.23' L=190.45' T=111.18' E=37.26'

CURVE DATA BASED ON ℄ RADIUS Δ/2=37°03'30"

℄ STATION	℄ ARC LENGTH	FACE CURB LENGTH LEFT CURB	FACE CURB LENGTH RIGHT CURB	CHORD LENGTH 8'OFF LEFT FACE CURB	CHORD LENGTH 8'OFF RIGHT FACE CURB	DEFLECTION ANGLE	℄ TOTAL DEFLECTION
12+40.01	———	———	———	———	———	0°00'00"	0°00'00"
12+50	9.99'	10.94'	9.04'	11.48'	8.50'	1°56'38"	1°56'37"
12+75	25.00'	27.38'	22.62'	28.70'	21.24'	4°51'52"	6°48'29"
12+96.88	21.88'	23.95'	19.80'	25.13'	18.59'	4°15'27"	11°03'56"
13+26.65	29.77'	32.60'	26.94'	34.16'	25.28'	5°47'33"	16°51'30"
13+56.41	29.76'	32.59'	26.93'	34.15'	25.27'	5°47'26"	22°38'56"
13+75	18.59'	20.36'	16.82'	21.35'	15.80'	3°37'02"	26°15'58"
14+00	25.00'	27.38'	22.62'	28.70'	21.24'	4°51'52"	31°07'50"
14+25	25.00'	27.38'	22.62'	28.70'	21.24'	4°51'52"	35°59'42"
14+30.46	5.46'	5.98'	4.94'	6.28'	4.65'	1°03'48"	37°03'30"
TOTAL	190.45'	208.56'	172.34'	Defl./ft.=11.674980 min.			

BALTHROP 4TH ADDITION

TIPPERARY

STA. 10+00.00 TO STA. 14+30.46

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316-262-2691 • FAX 316-262-3003

Designed by	BER	Checked by	
Drawn by	DEP	Date FEB. 2002	Job No. 01545

DSNR: DEP OPER: SAD SCALE: 1=20.00
Q:\2001\01545\000\TIPP10-14.DWG 05-13-2002 04:06:33 pm