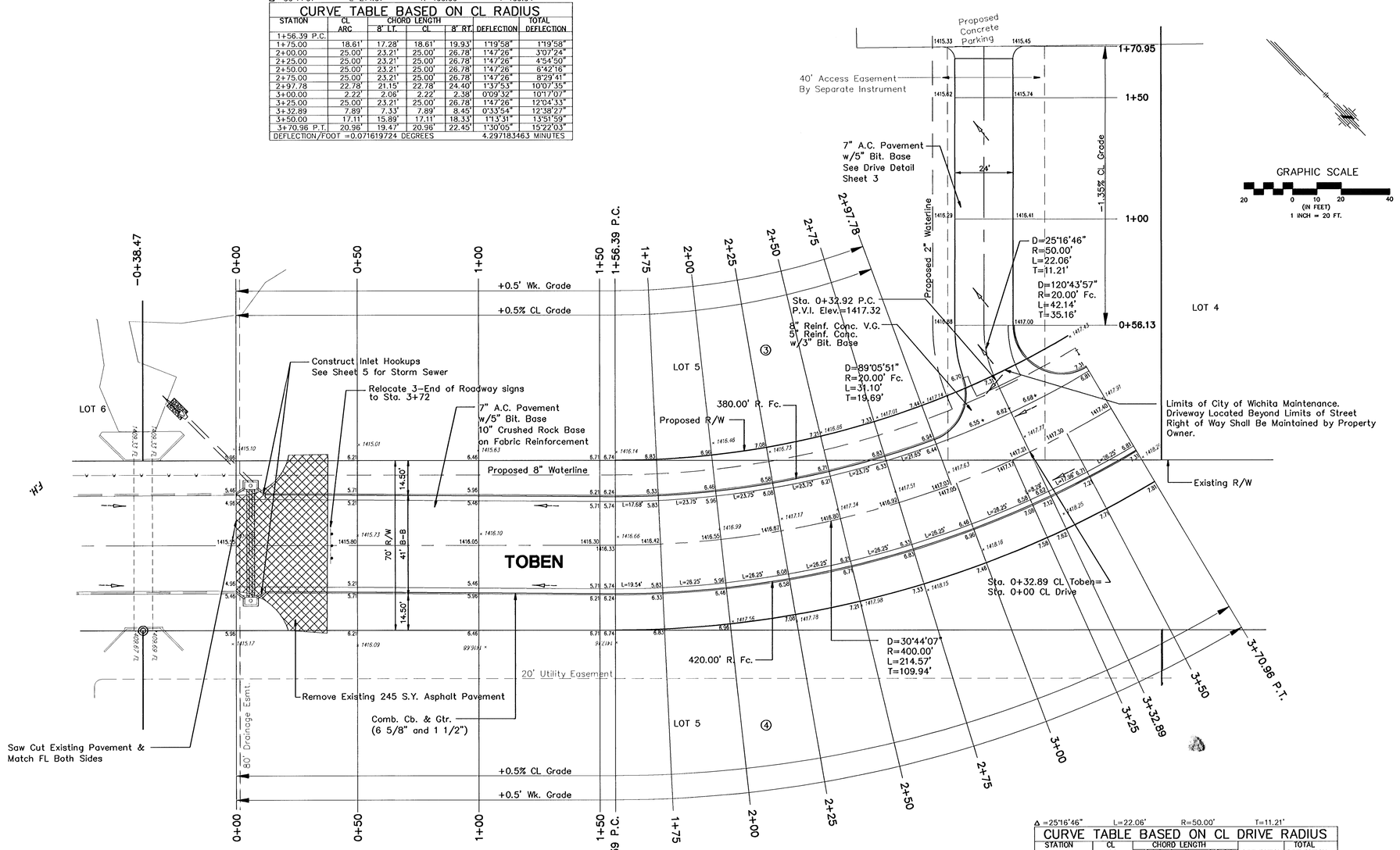
Δ =30°44'07" L=214.57' R=400.00' T=109.94'

CURVE TABLE BASED ON CL RADIUS

STATION	CL ARC	CHORD LENGTH 8' LT.	CHORD LENGTH CL	CHORD LENGTH 8' RT.	DEFLECTION	TOTAL DEFLECTION
1+56.39 P.C.						
1+75.00	18.61'	17.28'	18.61'	19.93'	1°19'58"	1°19'58"
2+00.00	25.00'	23.21'	25.00'	26.78'	1°47'26"	3°07'24"
2+25.00	25.00'	23.21'	25.00'	26.78'	1°47'26"	4°54'50"
2+50.00	25.00'	23.21'	25.00'	26.78'	1°47'26"	6°42'16"
2+75.00	25.00'	23.21'	25.00'	26.78'	1°47'26"	8°29'41"
2+97.78	22.78'	21.15'	22.78'	24.40'	1°37'53"	10°07'35"
3+00.00	2.22'	2.08'	2.22'	2.38'	0°09'32"	10°17'07"
3+25.00	25.00'	23.21'	25.00'	26.78'	1°47'26"	12°04'33"
3+32.89	7.89'	7.33'	7.89'	8.45'	0°33'54"	12°38'27"
3+50.00	17.11'	15.89'	17.11'	18.33'	1°13'31"	13°51'59"
3+70.96 P.T.	20.96'	19.47'	20.96'	22.45'	1°30'05"	15°22'03"
DEFLECTION/FOOT =0.071619724 DEGREES					4.29718.3463 MINUTES	



Δ =25°16'46" L=22.06' R=50.00' T=11.21'

CURVE TABLE BASED ON CL DRIVE RADIUS

STATION	CL ARC	CHORD LENGTH 8' LT.	CHORD LENGTH CL	CHORD LENGTH 8' RT.	DEFLECTION	TOTAL DEFLECTION
0+32.92 P.C.						
0+50.00	17.08'	23.80'	17.00'	10.20'	9°47'10"	9°47'10"
0+54.98 P.T.	4.98'	6.97'	4.98'	2.99'	2°51'13"	12°38'23"
DEFLECTION/FOOT =0.572957795 DEGREES					34.377467708 MINUTES	

No.	Date	By	Approved	Revision
1				
2				
3				
4				

MEDITERRANEAN PLAZA ADDITION
PRIVATE STREET IMPROVEMENTS
TOBEN
CITY OF WICHITA, KANSAS
JAMES ARMOUR, P.E. - CITY ENGINEER
167 PPP (607879)

POE & ASSOCIATES, INC.
CONSULTING ENGINEERS
5940 E. Central, Suite 200 ■ Wichita, KS 67208-4242
Phone 316/683-4114 ■ FAX 316/683-4444

FINAL

Designed By: T. Austin/S. Schmidt
Drawn By: S. Schmidt
Poe Job No.: 1831A
Date: June 2005

Sheet 4 of 19

V:\1831\1831Abase.dwg Thu Jun 23 12:10:40 2005 Steve Schmidt, Poe & Associates