

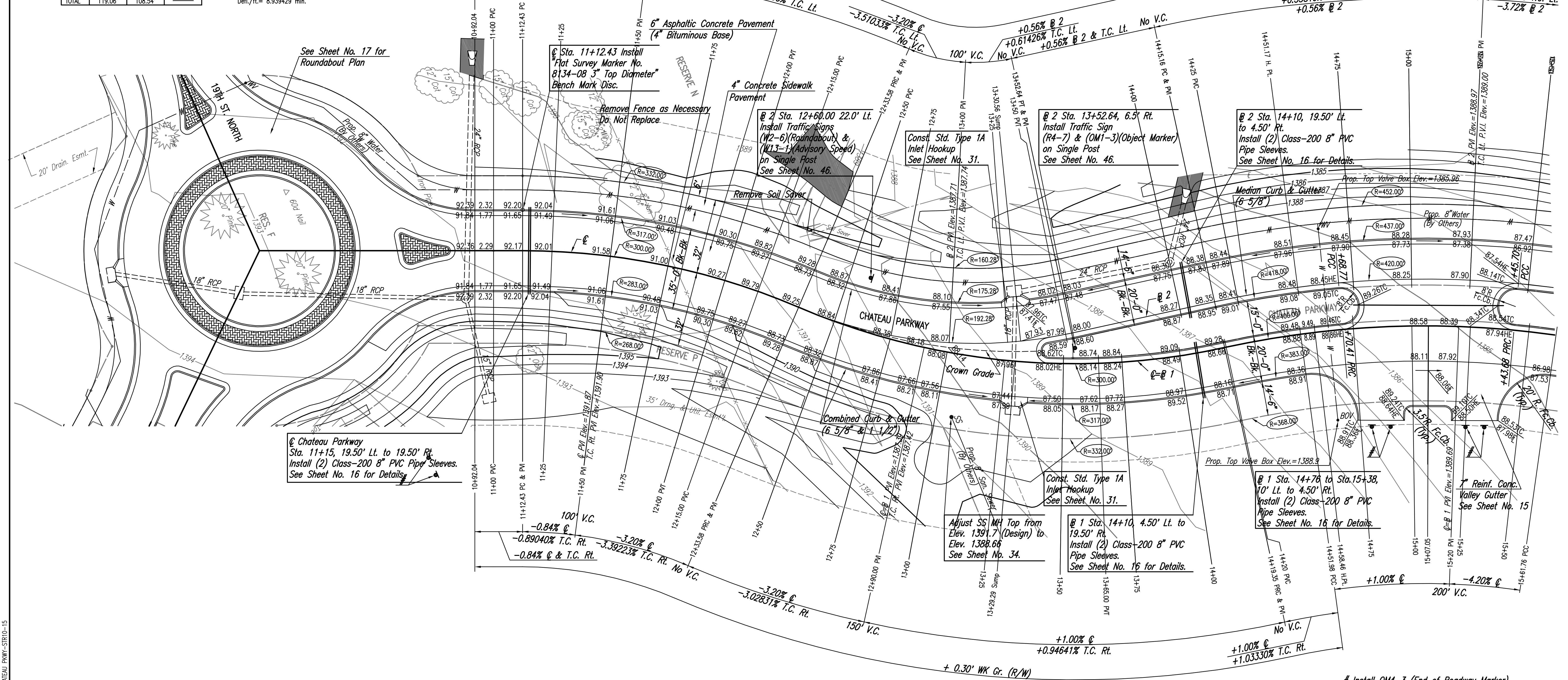
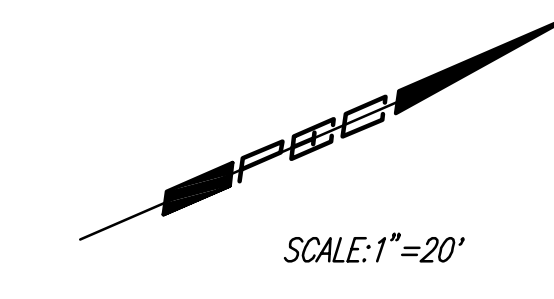
2 CURVE DATA
 A=35°28'44" L D=29' 47' 53.1" R=192.28' L=119.06' T=61.51' E=9.6'
 CURVE DATA BASED ON @ 2 radius Δ/2= 17° 44' 22"

STATION	ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB		
12+33.58						0°00'00.0"	0°00'00.0"
12+50.00	16.42'	14.97'		14.28'		02°26'47.1"	02°26'47.1"
12+75.00	25.00'	22.79'		21.73'		03°43'29.2"	06°10'16.3"
13+00.00	25.00'	22.79'		21.73'		03°43'29.2"	09°53'45.4"
13+25.00	25.00'	22.79'		21.73'		03°43'29.2"	13°37'14.6"
13+50.00	25.00'	22.79'		21.73'		03°43'29.2"	17°20'43.8"
13+52.64	2.64'	2.41'		2.30'		00°23'36.0"	17°44'22.1"
TOTAL	119.06'	108.54'					

Defl./ft. = 8.939429 min.

WATER VALVE BOX ELEVATIONS

STREET	STATION	OFFSET	PROPOSED ELEVATION
CHATEAU PARKWAY	@ Sta. 14+64.38	43.8 Lt.	1385.96
CHATEAU PARKWAY	@ Sta. 14+64.38	38.34 Rt.	1388.9



1 CURVE DATA
 A=2°8'18" R D=19' 5' 54.9" R=300.00' L=121.15' T=61.41' E=6.22'
 CURVE DATA BASED ON @ radius Δ/2= 11° 34' 9"

STATION	ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB		
11+12.43						0°00'00.0"	0°00'00.0"
11+25.00	12.57'	13.28'	11.86'	13.62'	11.52'	01°12'01.3"	01°12'01.3"
11+35.50	10.50'	11.10'	9.90'	11.37'	9.62'	01°00'09.6"	02°12'10.9"
11+50.00	14.50'	15.32'	13.68'	15.71'	13.29'	01°23'04.7"	03°35'15.6"
11+60.62	10.62'	11.22'	10.02'	11.50'	9.73'	01°00'50.9"	04°36'06.5"
11+75.00	14.38'	15.19'	13.57'	15.58'	13.18'	01°22'23.5"	05°58'30.0"
11+91.20	16.20'	17.12'	15.28'	17.55'	14.85'	01°32'49.2"	07°31'19.2"
12+00.00	8.80'	9.30'	8.30'	9.53'	8.07'	00°50'25.2"	08°21'44.4"
12+23.12	23.12'	24.43'	21.81'	25.04'	21.19'	02°12'28.1"	10°34'12.5"
12+25.00	1.88'	1.99'	1.77'	2.04'	1.72'	00°10'46.3"	10°44'58.7"
12+33.58	8.58'	9.07'	8.10'	9.30'	7.87'	00°49'09.6"	11°34'9"
TOTAL	121.15'	128.02'	114.29'				

Defl./ft. = 5.729578 min.

2 CURVE DATA
 A=35°28'44" L D=19' 5' 54.9" R=300.00' L=121.15' T=61.41' E=6.22'
 CURVE DATA BASED ON @ radius Δ/2= 11° 34' 9"

STATION	ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB		
12+33.58						0°00'00.0"	0°00'00.0"
12+50.00	16.42'			17.35'		17.79'	01°34'04.8"
12+75.00	25.00'			26.42'		27.08'	02°23'14.4"
12+85.62	10.62'			11.22'		11.50'	01°00'50.9"
13+00.00	14.38'			15.19'		15.58'	01°22'23.5"
13+25.00	25.00'			26.42'		27.08'	02°23'14.4"
13+50.00	25.00'			26.42'		27.08'	02°23'14.4"
13+75.00	25.00'			26.42'		27.08'	02°23'14.4"
14+00.00	25.00'			26.42'		27.08'	02°23'14.4"
14+19.35	19.35'			20.44'		20.96'	01°50'52.0"
TOTAL	185.77'			196.29'			

Defl./ft. = 5.729578 min.

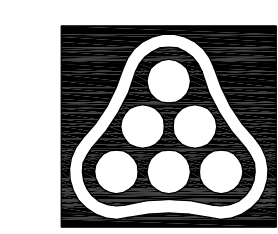
3 CURVE DATA
 A=21°13'28" R D=13' 38' 30.7" R=420.00' L=155.58' T=78.69' E=7.31'
 CURVE DATA BASED ON @ 2 radius Δ/2= 10° 36' 44"

STATION	ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB		
14+15.16						0°00'00.0"	0°00'00.0"
14+25.00	9.84'	10.24'		10.43'		10.43'	00°40'16.2"
14+50.00	25.00'	26.01'		26.48'		26.48'	01°42'18.8"
14+75.00	25.00'	26.01'		26.48'		26.48'	01°42'18.8"
15+00.00	25.00'	26.01'		26.48'		26.48'	01°42'18.8"
15+25.00	25.00'	26.01'		26.48'		26.48'	01°42'18.8"
15+50.00	25.00'	26.01'		26.48'		26.48'	01°42'18.8"
15+70.74	20.74'	21.58'		21.98'		21.98'	01°24'52.8"
TOTAL	155.58'	161.88'					

Defl./ft. = 4.092556 min.

Install OMA-3 (End of Roadway Marker) See Sheet No. 46.

Scaled 11-06-2006 3:40:52 PM by BJS
 Plot Scale 1:20 11-07-2006 11:52:39 AM by BEJ
 J:\SENT001\2005\02\31\003\2006-11-07 to City\DWG\08-CHATEAU PKWY-STR10-15



Revision _____ By _____ Date _____

OAK CREEK 2ND - PHASE 2

CHATEAU PARKWAY
 STA. 10+00 TO STA. 15+00
 JAMES L. ARMOUR, P.E. - CITY ENGINEER
 CITY OF WICHITA PROJECT NO. 472-84449

Professional Engineering Consultants, P.A.
 303 S. TOPKA • WICHITA, KANSAS 67202
 316-262-2691 • FAX 316-262-3003

Designed by BDB, BMM Job No. 35-05731-003
 Drawn by BJS, TAT Date February 2006 Sheet 8 of 84