

CURVE TABLE (C1)

$\Delta = 180^{\circ}00'00''$ R = 187.00' T = -31628.59' L = 587.48' LC = 374.00'

CURVE DATA BASED ON CENTERLINE $\Delta/2 = 90^{\circ}00'00''$

CHORD LENGTH					
STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
4+56.65	-	-	-	00'00'00"	00'00'00"
4+75.00	18.35'	20.79'	15.89'	02'48'40"	02'48'40"
5+00.00	25.00'	28.32'	21.64'	03'49'48"	06'38'28"
5+25.00	25.00'	28.32'	21.64'	03'49'48"	10'28'16"
5+33.27	8.27'	9.37'	7.16'	01'16'01"	11'44'17"
5+50.00	16.73'	18.96'	14.49'	02'33'47"	14'18'03"
5+75.00	25.00'	28.32'	21.64'	03'49'48"	18'07'51"
5+90.26	15.26'	17.30'	13.22'	02'20'16"	20'28'07"
6+00.00	9.74'	11.04'	8.44'	01'29'32"	21'57'39"
6+25.00	25.00'	28.32'	21.64'	03'49'48"	25'47'27"
6+50.00	25.00'	28.32'	21.64'	03'49'48"	29'37'14"
6+75.00	25.00'	28.32'	21.64'	03'49'48"	33'27'02"
7+00.00	25.00'	28.32'	21.64'	03'49'48"	37'16'50"
7+25.00	25.00'	28.32'	21.64'	03'49'48"	41'06'38"
7+50.00	25.00'	28.32'	21.64'	03'49'48"	44'56'26"
7+75.00	25.00'	28.32'	21.64'	03'49'48"	48'46'13"
7+94.89	19.89'	22.54'	17.22'	03'02'50"	51'49'03"
8+00.00	5.11'	5.79'	4.43'	00'46'58"	52'36'01"
8+25.00	25.00'	28.32'	21.64'	03'49'48"	56'25'49"
8+50.00	25.00'	28.32'	21.64'	03'49'48"	60'15'37"
8+51.98	1.98'	2.24'	1.72'	00'18'12"	60'33'49"
8+75.00	23.02'	26.08'	19.93'	03'31'36"	64'05'24"
9+00.00	25.00'	28.32'	21.64'	03'49'48"	67'55'12"
9+25.00	25.00'	28.32'	21.64'	03'49'48"	71'45'00"
9+50.00	25.00'	28.32'	21.64'	03'49'48"	75'34'48"
9+75.00	25.00'	28.32'	21.64'	03'49'48"	79'24'35"
10+00.00	25.00'	28.32'	21.64'	03'49'48"	83'14'23"
10+25.00	25.00'	28.32'	21.64'	03'49'48"	87'04'11"
10+44.12	19.12'	21.67'	16.56'	02'55'45"	89'59'56"
10+44.13	.01'	.01'	.01'	00'00'04"	90'00'00"

Def/Ft = 9.19184 Min.

CURVE TABLE (C4)

$\Delta = 17^{\circ}25'18''$ R = 500.00' T = 76.61' L = 152.03' LC = 151.45'

CURVE DATA BASED ON CENTERLINE $\Delta/2 = 08^{\circ}42'39''$

CHORD LENGTH					
STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
2+98.14	-	-	-	00'00'00"	00'00'00"
3+25.00	26.86'	28.04'	25.68'	01'32'20"	01'32'20"
3+50.00	25.00'	26.10'	23.90'	01'25'57"	02'58'17"
3+75.00	25.00'	26.10'	23.90'	01'25'57"	04'24'14"
4+00.00	25.00'	26.10'	23.90'	01'25'57"	05'50'10"
4+25.00	25.00'	26.10'	23.90'	01'25'57"	07'16'07"
4+50.00	25.00'	26.10'	23.90'	01'25'57"	08'42'03"
4+50.17	.17'	.18'	.17'	00'00'36"	08'42'39"

Def/Ft = 3.43775 Min.

CURVE TABLE (C2)

$\Delta = 23^{\circ}53'25''$ R = 400.00' T = 84.62' L = 166.79' LC = 165.58'

CURVE DATA BASED ON CENTERLINE $\Delta/2 = 11^{\circ}56'43''$

CHORD LENGTH					
STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
0+28.16	-	-	-	00'00'00"	00'00'00"
0+34.98	6.82'	7.20'	6.44'	00'29'18"	00'29'18"
0+50.00	15.02'	15.85'	14.19'	01'04'33"	01'33'51"
0+75.00	25.00'	26.37'	23.62'	01'47'26"	03'21'17"
1+00.00	25.00'	26.37'	23.62'	01'47'26"	05'08'43"
1+25.00	25.00'	26.37'	23.62'	01'47'26"	06'56'08"
1+50.00	25.00'	26.37'	23.62'	01'47'26"	08'43'34"
1+75.00	25.00'	26.37'	23.62'	01'47'26"	10'31'00"
1+94.95	19.95'	21.04'	18.85'	01'25'43"	11'56'43"

Def/Ft = 4.29718 Min.

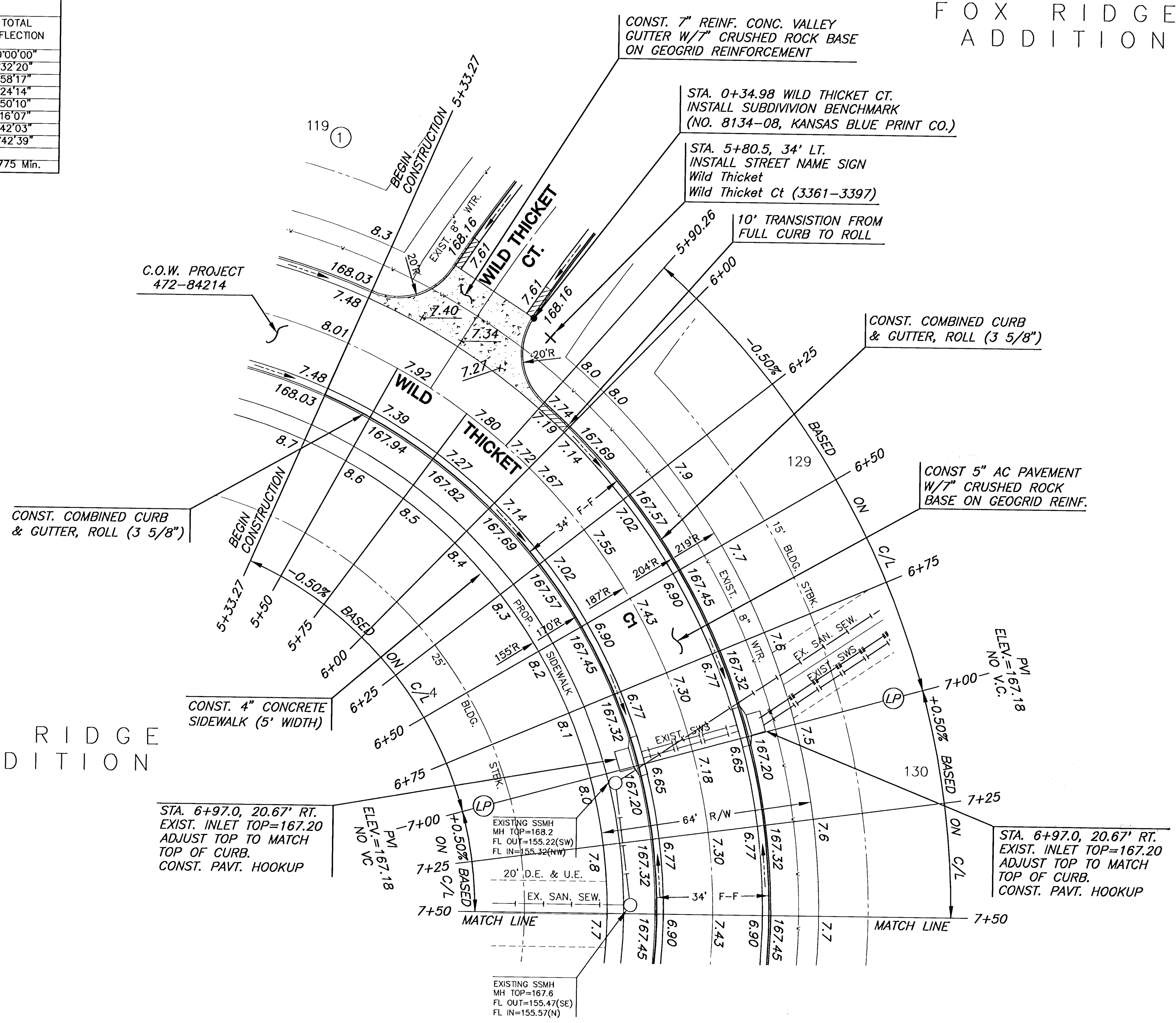
CURVE TABLE (C3)

$\Delta = 73^{\circ}49'44''$ R = 215.00' T = 161.51' L = 277.04' LC = 258.27'

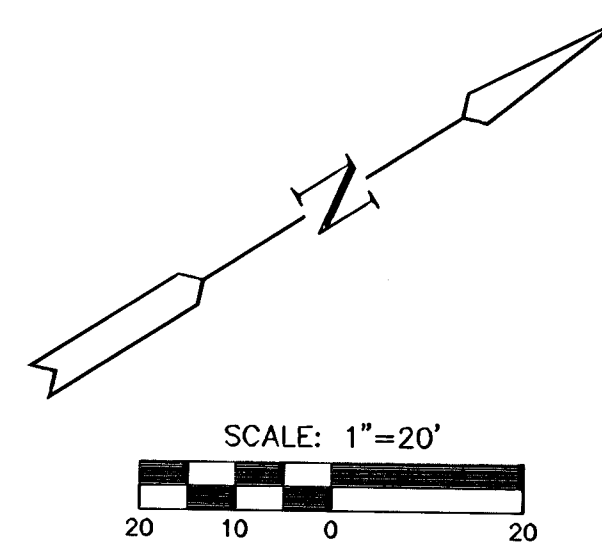
CURVE DATA BASED ON CENTERLINE $\Delta/2 = 36^{\circ}54'52''$

CHORD LENGTH					
STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
0+21.10	-	-	-	00'00'00"	00'00'00"
0+36.83	15.73'	14.12'	17.34'	02'05'45"	02'05'45"
0+50.00	13.17'	11.82'	14.52'	01'45'17"	03'51'03"
0+75.00	25.00'	22.43'	27.54'	03'19'52"	07'10'55"
1+00.00	25.00'	22.43'	27.54'	03'19'52"	10'30'47"
1+25.00	25.00'	22.43'	27.54'	03'19'52"	13'50'39"
1+50.00	25.00'	22.43'	27.54'	03'19'52"	17'10'31"
1+75.00	25.00'	22.43'	27.54'	03'19'52"	20'30'24"
2+00.00	25.00'	22.43'	27.54'	03'19'52"	23'50'16"
2+25.00	25.00'	22.43'	27.54'	03'19'52"	27'10'08"
2+50.00	25.00'	22.43'	27.54'	03'19'52"	30'30'00"
2+75.00	25.00'	22.43'	27.54'	03'19'52"	33'49'52"
2+98.14	23.14'	20.76'	25.50'	03'05'00"	36'54'52"
2+98.14	-	-	-	00'00'00"	36'54'52"

Def/Ft = 7.99476 Min.



FOX RIDGE
ADDITION



LEGEND

— + — STREET SIGN & SIGN LOCATION
(SEE SIGN ASSEMBLY TABLE
FOR TYPE & STATION OF SIGN)

NOTE:
TOP OF CURB ELEVATIONS SHOWN
ARE FOR FULL CURB. CONSTRUCT
CURB AND GUTTER AS NOTED.

MKEC
ENGINEERING
CONSULTANTS
411 N. WEBB ROAD
WICHITA, KS. 67206
316 - 694 - 9600

FOX RIDGE ADDITION - PHASE 13 - PART 1
PROJECT NAME

WILD THICKET PAVING
SHEET TITLE

DFL DESIGN BY: MKrk DRAWN BY: GJA CHECKED BY:
SEPTEMBER 2005 99118 DATE JOB NO. SHEET/OF
7 / 22

C:\CVL\99118\DWG\PAV\PH13.PART1.DWG