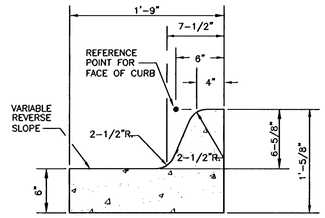
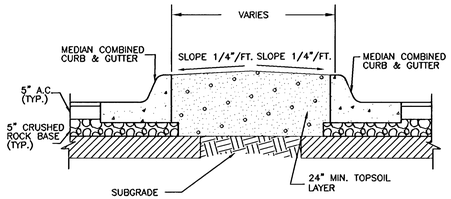


TYPICAL MEDIAN SECTION



MEDIAN COMBINED CURB & GUTTER (6-5/8")
SCALE: NONE



MEDIAN DETAIL
SCALE: NONE

CURVE TABLE (1)

Δ= 15°36'07" R = 900.00' T = 123.30' L = 245.07' LC = 244.32'

CURVE DATA BASED ON CENTERLINE Δ /2 = 07°48'03"

CHORD LENGTH

STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
16+00.00	–	–	–	00°00'00"	00°00'00"
16+25.00	25.00'	24.39'	25.61'	00°47'45"	00°47'45"
16+50.00	25.00'	24.39'	25.61'	00°47'45"	01°35'30"
16+75.00	25.00'	24.39'	25.61'	00°47'45"	02°23'14"
17+00.00	25.00'	24.39'	25.61'	00°47'45"	03°10'59"
17+25.00	25.00'	24.39'	25.61'	00°47'45"	03°58'44"
17+50.00	25.00'	24.39'	25.61'	00°47'45"	04°46'29"
17+75.00	25.00'	24.39'	25.61'	00°47'45"	05°34'14"
18+00.00	25.00'	24.39'	25.61'	00°47'45"	06°21'58"
18+25.00	25.00'	24.39'	25.61'	00°47'45"	07°09'43"
18+45.07	20.07'	19.58'	20.57'	00°38'20"	07°48'03"

Def/Ft = 1.90986 Min.

CURVE TABLE (2)

Δ = 12°14'17" R = 450.00' T = 48.24' L = 96.12' LC = 95.93'

CURVE DATA BASED ON CENTERLINE Δ /2 = 06°07'08"

CHORD LENGTH

STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
18+45.07	–	–	–	00°00'00"	00°00'00"
18+75.00	29.93'	31.39'	28.46'	01°54'19"	01°54'19"
19+00.00	25.00'	26.22'	23.77'	01°35'30"	03°29'49"
19+25.00	25.00'	26.22'	23.77'	01°35'30"	05°05'19"
19+41.19	16.19'	16.98'	15.40'	01°01'50"	06°07'08"

Def/Ft = 3.81972 Min.

CURVE TABLE (3)

Δ = 21°38'36" R = 116.00' T = 22.17' L = 43.82' LC = 43.56'

CURVE DATA BASED ON CENTERLINE Δ /2 = 10°49'18"

CHORD LENGTH

STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
19+50.65	–	–	–	00°00'00"	00°00'00"
19+75.00	24.35'	19.70'	28.91'	06°00'49"	06°00'49"
19+94.47	19.47'	15.76'	23.13'	04°48'29"	10°49'18"

Def/Ft =14.81787 Min.

CURVE TABLE (4)

Δ= 24°00'00" R = 84.00' T = 17.85' L = 35.19' LC = 34.93'

CURVE DATA BASED ON CENTERLINE Δ /2 = 12°00'00"

CHORD LENGTH

STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
20+36.73	–	–	–	00°00'00"	00°00'00"
20+50.00	13.27'	16.73'	9.78'	04°31'32"	04°31'32"
20+71.92	21.92'	27.58'	16.13'	07°28'28"	12°00'00"

Def/Ft =20.46278 Min.

CURVE TABLE (5)

Δ= 90°00'00" R = 34.00' T = 34.00' L = 53.41' LC = 48.08'

CURVE DATA BASED ON CENTERLINE Δ /2 = 45°00'00"

CHORD LENGTH

STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
21+27.95	–	–	–	00°00'00"	00°00'00"
21+50.00	22.05'	35.68'	7.65'	18°34'44"	18°34'44"
21+75.00	25.00'	40.26'	8.63'	21°03'53"	39°38'37"
21+81.36	6.36'	10.46'	2.24'	05°21'23"	45°00'00"

Def/Ft =50.55510 Min.

CURVE TABLE (6)

Δ= 90°00'00" R = 34.00' T = 34.00' L = 53.41' LC = 48.08'

CURVE DATA BASED ON CENTERLINE Δ /2 = 45°00'00"

CHORD LENGTH

STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
21+27.71	–	–	–	00°00'00"	00°00'00"
21+50.00	22.29'	7.73'	38.06'	18°46'52"	18°46'52"
21+75.00	25.00'	8.63'	40.26'	21°03'53"	39°50'45"
21+81.12	6.12'	2.16'	10.06'	05°09'15"	45°00'00"

Def/Ft =50.55510 Min.

CURVE TABLE (7)

Δ= 24°00'00" R = 84.00' T = 17.85' L = 35.19' LC = 34.93'

CURVE DATA BASED ON CENTERLINE Δ/2 = 12°00'00"

CHORD LENGTH

STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
20+36.49	–	–	–	00°00'00"	00°00'00"
20+50.00	13.51'	9.96'	17.03'	04°36'27"	04°36'27"
20+71.68	21.68'	15.95'	27.28'	07°23'33"	12°00'00"

Def/Ft =20.46278 Min.

CURVE TABLE (8)

Δ= 27°33'42" R = 116.00' T = 28.45' L = 55.80' LC = 55.26'

CURVE DATA BASED ON CENTERLINE Δ /2 = 13°46'51"

CHORD LENGTH

STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
19+41.19	–	–	–	00°00'00"	00°00'00"
19+50.00	8.81'	10.48'	7.14'	02°10'33"	02°10'33"
19+75.00	25.00'	29.68'	20.22'	06°10'27"	08°21'00"
19+96.99	21.99'	26.12'	17.79'	05°25'51"	13°46'51"

Def/Ft =14.81787 Min.

CURVE TABLE (9)

Δ= 16°28'36" R = 275.00' T = 39.82' L = 79.08' LC = 78.81'

CURVE DATA BASED ON CENTERLINE Δ/2 = 08°14'18"

CHORD LENGTH

STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
10+32.83	–	–	–	00°00'00"	00°00'00"
10+50.00	17.17'	18.54'	15.79'	01°47'19"	01°47'19"
10+75.00	25.00'	26.99'	22.99'	02°36'16"	04°23'35"
11+00.00	25.00'	26.99'	22.99'	02°36'16"	06°59'51"
11+11.91	11.91'	12.86'	10.96'	01°14'27"	08°14'18"

Def/Ft = 6.25045 Min.

MKEC ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316 - 684 - 9600

PAVING PLANS - PHASE II

BRIGHTON COURTS ADDITION

WICHITA, KANSAS

PAVING DETAILS
CURVE TABLES
SHEET TITLE

472-83817
PROJECT NUMBER

SRS
DESIGN BY

KWS
DRAWN BY

GJA
CHECKED BY

ISSUED
JULY 2006
REVISED

SHEET NO.
4 of 24

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PLOTTED: Tuesday, July 18, 2006 @ 11:56AM