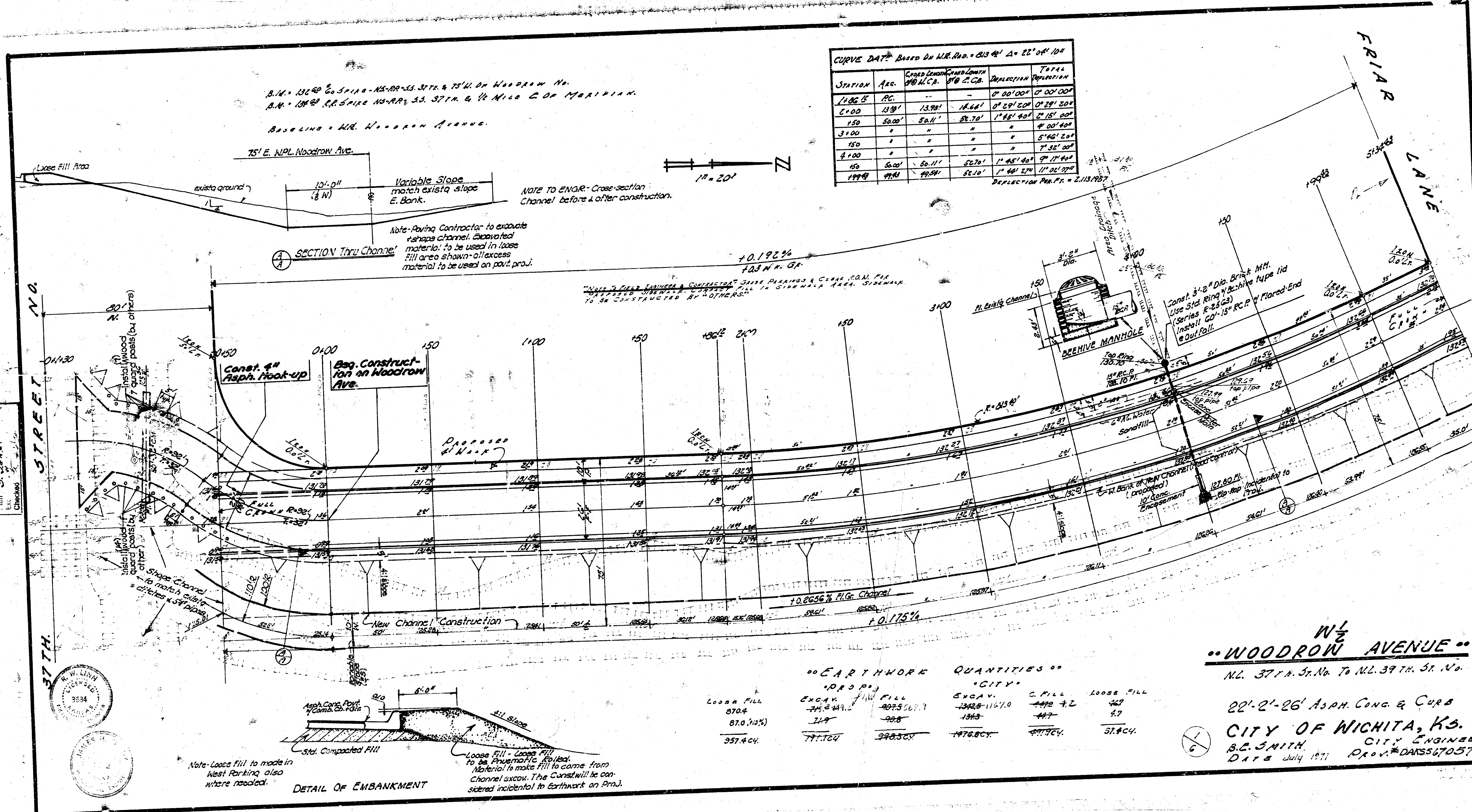


CURVE DATA Based on W.R. Rad. = 813.40' Δ = 22° 04' 10"

Station	Arc.	Chord Length @ W.C.B.	Chord Length @ C.C.B.	Deflection	Total Deflection
1+86½	P.C.	--	—	0° 00' 00"	0° 00' 00"
2+00	13.98'	13.98'	14.66'	0° 29' 20"	0° 29' 20"
+50	50.00'	50.11'	52.70'	1° 45' 40"	2° 15' 00"
3+00	"	"	"	"	4° 00' 40"
+50	"	"	"	"	5° 46' 20"
4+00	"	"	"	"	7° 32' 00"
+50	50.00'	50.11'	52.70'	1° 45' 40"	9° 17' 40"
+99.43	49.43	49.54'	52.10'	1° 44' 27"	11° 02' 07"

Deflection Per Ft. = 2.113957

EARTHWORK QUANTITIES

	Prop.			City		
	Loose Fill	Excav.	Fill	Excav.	C. Fill	Loose Fill
	870.4	~~711.2~~	~~907.5~~	~~1342.5~~ 1167.0	~~447.2~~ 4.2	~~46.7~~
	87.0 (10%)	~~71.1~~	~~90.8~~	~~134.3~~	~~44.7~~	4.7
	957.4 CY.	~~777.1 CY~~	~~998.3 CY.~~	~~1476.8 CY.~~	~~491.9 CY.~~	51.4 CY.

W½ WOODROW AVENUE

N.L. 37th. St. No. To N.L. 39th. St. No.

22'-2'-26' Asph. Conc. & Curb

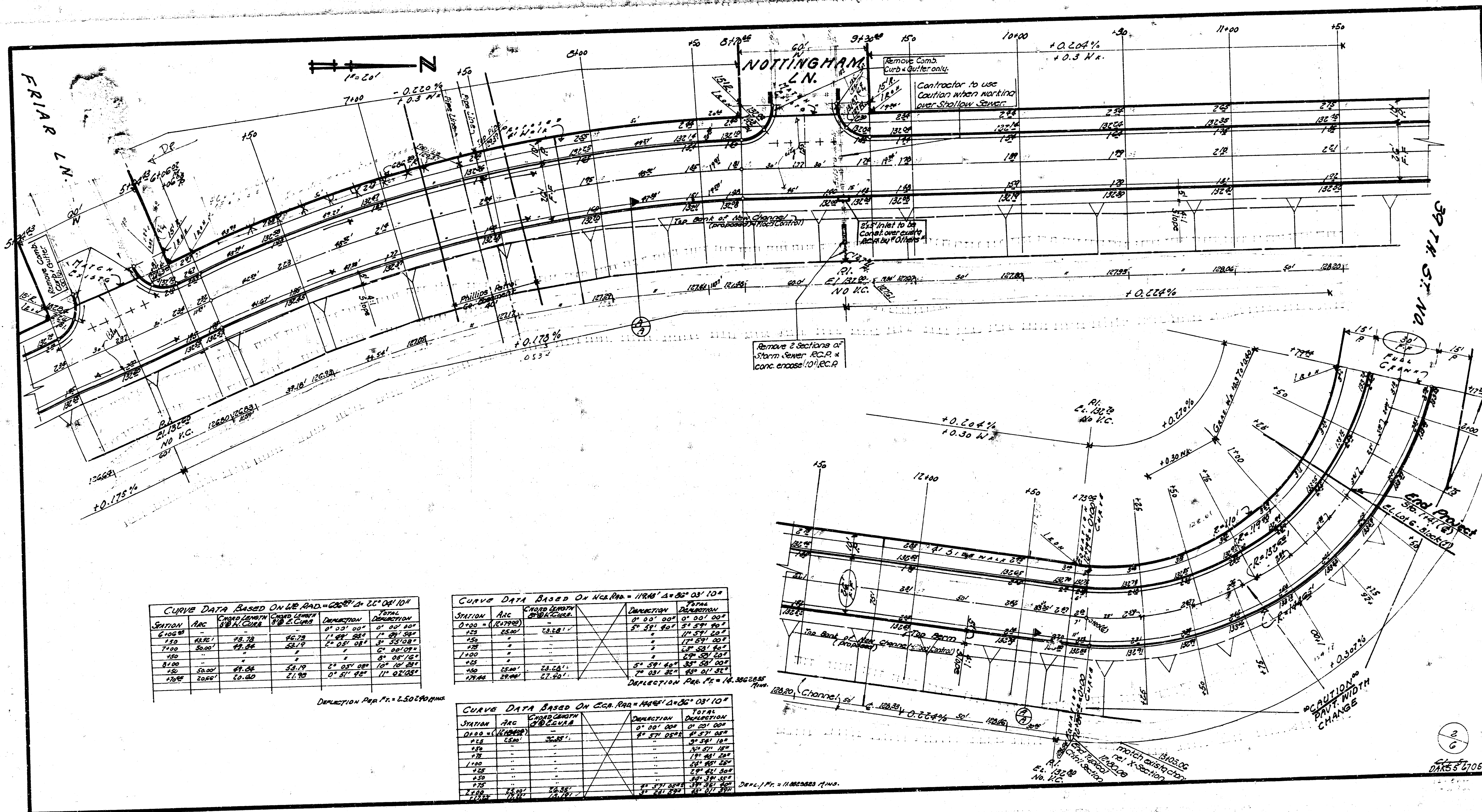
CITY OF WICHITA, Ks.

B.C. Smith, City Engineer

Date July 1971

Proj. # DAKS567057

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CURVE DATA BASED ON W.C. RAD. = 686.89' Δ = 22° 04' 10"					
STATION	ARC	CHORD LENGTH 8' @ W. CURB	CHORD LENGTH 8' @ E. CURB	DEFLECTION	TOTAL DEFLECTION
6+06.89	–	–	–	0° 00' 00"	0° 00' 00"
+50	43.92'	43.78	46.73	1° 49' 54"	1° 49' 54"
7+00	50.00'	49.84	53.19	2° 05' 08"	3° 55' 08"
+50	"	"	"	"	6° 00' 09"
8+00	"	"	"	"	8° 05' 16"
+50	50.00'	49.84	53.19	2° 05' 08"	10° 10' 23"
+70.66	20.66'	20.80	21.98	0° 51' 42"	11° 02' 05"

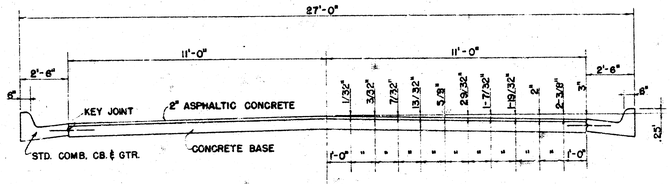
DEFLECTION PER FT. = 2.50290 MINS.

CURVE DATA BASED ON W.C.B. RAD. = 119.48' Δ = 86° 03' 10"				
STATION	ARC	CHORD LENGTH 8' @ W. CURB	DEFLECTION	TOTAL DEFLECTION
0+00 = (12+79.00)		–	0° 00' 00"	0° 00' 00"
+25	25.00'	23.28'	5° 59' 40"	5° 59' 40"
+50	"	"	"	11° 59' 20"
+75	"	"	"	17° 59' 00"
1+00	"	"	"	23° 58' 40"
+25	"	"	"	29° 58' 20"
+50	25.00'	23.28'	5° 59' 40"	35° 58' 00"
+79.44	29.44'	27.40'	7° 03' 32"	45° 01' 32"

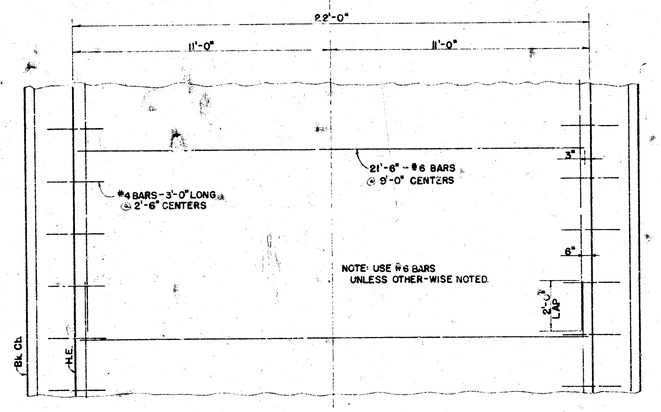
DEFLECTION PER FT. = 14.3862835 MINS.

CURVE DATA BASED ON E.C.B. RAD. = 144.65' Δ = 86° 03' 10"				
STATION	ARC	CHORD LENGTH 8' @ E. CURB	DEFLECTION	TOTAL DEFLECTION
0+00 = (12+84.00)		–	0° 00' 00"	0° 00' 00"
+25	25.00'	26.35'	4° 57' 05.5"	4° 57' 05"
+50	"	"	"	9° 54' 10"
+75	"	"	"	14° 51' 15"
1+00	"	"	"	19° 48' 20"
+25	"	"	"	24° 45' 25"
+50	"	"	"	29° 42' 30"
+75	"	"	"	34° 39' 35"
2+00	25.00'	26.35'	4° 57' 05.5"	39° 36' 40"
+17.25	17.22'	13.19'	3° 24' 59"	43° 01' 39"

DEFL./FT. = 11.8829823 MINS.



TYPICAL SECTION



STEEL PATTERN

CITY OF WICHITA, KANSAS

Department of Public Works - Engineering Division

B. E. Smith — City Engineer

Date: — Project No. DAKS5 67057

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